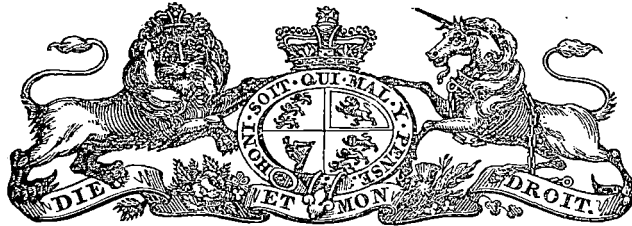


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1891.

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PARLIAMENT OF TASMANIA.

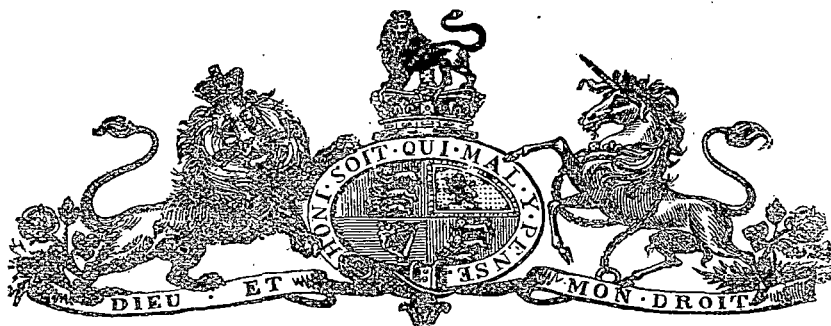
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HYGIENIC CONGRESS:

PAPERS *RE* APPOINTMENT OF MR. MAULT.

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Presented to both Houses of Parliament by His Excellency's Command.



*Downing-street, 16th August, 1890.*

SIR,

I HAVE the honour to transmit, for the information of the Colony under your Government, a copy of a letter from the Organizing Committee of the projected International Congress on Hygiene and Demography which it is contemplated to hold in London in 1891, together with a preliminary statement issued by the Committee.

I have the honour to be,  
Sir,

Your most obedient humble Servant,

KNUTSFORD.

*The Officer Administering the Government of Tasmania.*

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INTERNATIONAL CONGRESS OF HYGIENE AND DEMOGRAPHY,  
LONDON, 1891.

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PRESIDENT: H.R.H. THE PRINCE OF WALES, K.G.

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TO THE RT. HON. LORD KNUTSFORD, Secretary of State for the Colonies.

*6th August, 1890.*

MY LORD,

We beg to direct your Lordship's attention to the important arrangement which has recently been concluded for holding the Seventh International Congress of Hygiene and Demography in London in 1891, under the presidency of H.R.H. The Prince of Wales.

Your Lordship will doubtless be aware that the former Congresses have been held biennially in some of the chief Continental cities, the last being held in Vienna under the auspices of His late Imperial Highness Prince Rudolf, the Crown Prince of Austria, who opened the Congress in person.

The next Congress will be the first Congress which has met in Great Britain, and we entertain the confident assurance that it will be your Lordship's desire that that Congress should in all its circumstances be worthy of the great nation which stands foremost in the promotion and practical application of Hygienic Science and statistical research.

The learned and scientific societies of Great Britain and Ireland have already nominated as Delegates a number of gentlemen of the highest distinction as Hygienists and Statisticians.

Taking into consideration that the Congress will be attended by the representatives of numerous Councils and Corporations engaged in sanitary administration, and by members of several Professions, we are led to anticipate that London will be visited by not fewer persons than at the time of the Medical Congress in 1881.

The deliberations of the Congress will be specially directed to the consideration of subjects concerning the Public Health, and in the section of Demography, which will be assisted by a Special Committee appointed by the Royal Statistical Society, the life conditions of civilised communities will be considered in their various industrial, social, and domestic relations from statistical points of view. It is obvious that such a Conference of official and professional authorities and scientists will necessarily be of the highest value in promoting Hygiene and cognate sciences, and generally advancing the welfare, not only of all classes of our fellow countrymen, but of humanity at large.

We therefore venture to express the hope, should the objects and arrangements of the Congress described have met with your approval, your Lordship will allow us to communicate through the Colonial Office with the Colonial Governments, inviting them to nominate Delegates and to take part in the deliberations of the Congress, and thus to ensure that the sanitary condition of every one of Her Majesty's Colonies shall be adequately represented at the International Congress of Hygiene and Demography which will be held in London in 1891.

We have, &c.

(Sd.) DOUGLAS GALTON,  
*Chairman of Organizing Committee.*

(Sd.) W. H. CORFIELD,  
SHIRLEY F. MURPHY, } *Hon. Secs.*

SEVENTH INTERNATIONAL CONGRESS OF HYGIENE AND DEMOGRAPHY,  
LONDON, 1891.

PRESIDENT—H.R.H. THE PRINCE OF WALES, K.G

PRELIMINARY STATEMENT.

July, 1890.

THE International Congress of Hygiene and Demography has been held (Biennially as a rule) in each of the following Cities:—Brussels, Paris, Turin, Geneva, The Hague, and Vienna. The last of these, the Congress held at Vienna in 1887, was under the protection of His Imperial and Royal Highness the late Archduke Rudolph, Crown Prince of Austria, who opened the Congress in person. To this Congress delegates were appointed by the Governments of the following Countries and States, the Learned Societies of many of them also sending representatives:—

Austria-Hungary.	German Empire— <i>continued.</i>	Servia.
Belgium.	Mecklenburgh Strelitz.	Spain.
Bulgaria.	Brunswick.	Switzerland.
Denmark.	Saxe Coburg Gotha.	Turkey.
France.	Alsace-Lorraine, &c.	_____
German Empire—	Italy.	Egypt.
Prussia.	Norway.	Japan.
Bavaria.	Netherlands.	Persia.
Saxony.	Portugal.	Argentine Republic.
Wurtemberg.	Roumania.	Uruguay.
Mecklenburg Schwerin.	Russia.	

and also by the Governments of three of our own Colonies, viz., Malta, New South Wales, and Victoria.

The Governments of the following Countries did not send delegates, but representatives from various Learned Societies and Institutions in these countries were present:—

Great Britain and Ireland.	Greece.	Chili.
Canada.	Mexico.	Venezuela.
United States.		

The total number of Hygienists and Statisticians present from all parts of the world was over two thousand.

Before the close of that Congress a Permanent International Committee was appointed to decide on time and place of meeting of the next Congress of the series. On account of the fact that it had been decided to hold a Hygienic Congress in connection with the Paris Exhibition in 1889, it was resolved that the next International Congress of the series should be held in 1891, and London was chosen as its place of meeting.

As England has taken the lead in Sanitary Science and Administration, it may be expected that her Colonies and that Foreign Countries will send numerous representatives, both official and unofficial, and that the Congress will be of great magnitude and importance.

A Committee of the English Members attending the Vienna Congress was formed to take preliminary steps to bring the matter before the public.

They issued invitations to Universities, Colleges, Public Corporations, and Learned Societies, requesting them to name delegates to form a General Committee. The list of delegates nominated up to the present time accompanies this, and other nominations are being received daily.

The time has therefore now arrived to form a definite organization, and to raise a fund to defray the necessary expenses.

## OBJECTS OF THE CONGRESS.

The aim of the Congress is to awaken public interest in the progress of Hygiene and Demography, by which latter term is understood the study of the life conditions of communities from a statistical point of view; to afford persons interested in these subjects an opportunity of meeting, with the object of advancing their progress; and, by conferences and debates, to elucidate questions relating to Hygiene, Demography, and Public Health.

The Governments of all Countries, Municipalities, County Councils, and other provincial administrations, Public Health Authorities, Universities, Colleges, and all Societies which are occupied in the study of the sciences more or less immediately connected with Hygiene, are invited to co-operate and appoint delegates to represent them at the Congress.

An exhibition of Articles of Hygienic interest will be held in connection with the Congress.

Excursions will be arranged to various places of especial interest to Hygienists.

## GENERAL COMMITTEE.

*(Preliminary List, subject to revision and re-arrangement.)*

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- |  |  |
|--|--|
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| His Eminence Cardinal Manning.                         | Horace Farquhar, Esq.                              |
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| W. R. E. Coles.  | Thomas Wakley, junr., L.R.C.P.                     |
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| Professor W. H. Corfield, M.A., M.D.                   | Thomas Henry Watson, F.R.I.B.A.                    |
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| Alexander G. Davey, M.D., J.P.                         | Dawson Williams, M.D.                              |
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| Rev. J. R. Diggle.                                     |  |

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*Government of Victoria.*  
Dr. Aubrey Bowen.

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*King's College, London.*  
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*College of State Medicine.*  
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*Queen's College, Belfast.*  
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Professor Cuming, M.D., F.K.Q.C.P.  
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J. Tatham, M.D.

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S. W. North, M.R.C.S.

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W. R. E. Coles.	G. B. Longstaff, B.A., F.R.C.P., F.C.S.
Sir Joseph Fayrer, K.C.S.I., M.D., F.R.S.	E. D. Mapother, M.D., F.R.C.S.I.
Prof. Edward Frankland, Ph.D., D.C.L., LL.D., F.R.S.	F. J. Mouat, M.D., LL.D.
Rowland Hamilton.	Professor Henry Robinson, M. Inst. C.E.
Ernest Hart.	David F. Schloss.
Prof. T. Hayter Lewis, F.R.I.B.A.	R. Thorne Thorne, M.B., F.R.S.

## HONORARY SECRETARIES.

Prof. W. H. Corfield, M.A., M.D., (Oxon.)                      Shirley F. Murphy.

## BANKERS.

Sir Samuel Scott and Co., 1, Cavendish Square, W.  
Messrs. Dimsdale, Fowler and Co., 50, Cornhill, E.C.

TEMPORARY OFFICES—PARKES MUSEUM,  
74A, Margaret Street, Regent street, London, W.

*Central Board of Health—Public Health Acts.*

SIR,

I HAVE the honour to return herewith the Circular dated 16th August, 1890, from the Right Honourable the Secretary of State for the Colonies, on the subject of the proposed Congress of Hygiene and Demography to be held in London in 1891, and to inform you that, at a Meeting of this Board held yesterday, it was resolved:—

“That this Board recommends that the Colony of Tasmania should be represented at the proposed Congress, and requests the Honourable the Premier to take the necessary measures to secure such representation.”

I have, &c.

A. MAULT, *Secretary.*  
Hobart, 6th December, 1890.

*The Honourable the Premier.*

*Office of the Agent-General for Tasmania,*

No. 116.                      *Westminster Chambers, 5, Victoria-street, London, S.W., 12th March, 1891.*

SIR,

I HAVE the honour to forward herewith papers relating to the Seventh International Congress of Hygiene and Demography, and to invite the favourable consideration of your Government of the suggestion made by the Organising Committee that Tasmania shall be represented at this Congress, which will be held August 10th to 17th of this year.

The question of sanitation has for some time been one of considerable moment in Tasmania, and any delegate representing that Colony at the coming Conference will have such an opportunity of acquiring all the best and latest views on this subject as will not otherwise be presented for some time. Delegates from all the important centres of Europe and other parts will attend, and a delegate from Tasmania would not only have an opportunity of obtaining information from these, but would probably have special facilities afforded to him of seeing the latest developments of sanitation in some of the Continental cities and in England.

The subject is of such importance that the Government may decide to send Mr. Mault as a delegate to this Congress; or it may happen that some one who has made hygiene his special study will be coming to England at that time and be only too glad to acquire all the advantages, social as well as scientific, that will attach to the position of a Tasmanian delegate.

I shall be delighted to act as one of Tasmania's delegates in order to strengthen our representation (numerically only), and to give such aid as I can to any colleague who might act with me.

I have, &c.

E. BRADDON, *Agent-General.*

*The Hon. the Premier, &c., Hobart, Tasmania.*

(Copy)

INTERNATIONAL CONGRESS OF HYGIENE AND DEMOGRAPHY,  
London, August 10th to 17th, 1891.

PRESIDENT: H.R.H. THE PRINCE OF WALES, K.G.

20, Hanover Square, London, W., 5th February, 1891.

DEAR SIR,

I BEG to enclose for your perusal papers connected with the "International Congress of Hygiene and Demography," to be held in London, of which the Prince of Wales is President, and which His Royal Highness will open in person on the 10th of August next.

You will perceive that the subjects to be discussed are of as deep importance to the well-being of the large and increasing communities in the British Colonies as they are to that of the population of this country.

May I, therefore, ask if you can assist the Organizing Committee in making known the objects of the Congress in the Colony which you represent by furnishing the names and addresses of leading persons resident in the Colony, or now staying in this country, who might, in your opinion, take such an interest in the proceedings as would induce them to be present at the Congress, and whom it may appear to you advisable to invite.

The Committee would regard it as an additional favour if you would kindly exert your personal influence in furthering the objects of the Congress.

I have, &c.

DOUGLAS GALTON, *Chairman of the Organising Committee.*

(Copy)

No. 393.

*Office of the Agent-General for Tasmania,  
Westminster Chambers, 5, Victoria-street, S.W.*

DEAR SIR,

WHEN, at the last meeting of the Hygienic Committee, it was decided that the Agents-General then present should write to their respective Governments recommending the appointment of delegates to the Conference of August, I understood that we were to forward with our despatch a Memo. to be supplied by you, and I have so far deferred writing on this subject because that Memo. was not forthcoming.

Will you kindly let me have it at your early convenience, or tell me that I may write to my Government without it?

I am, &c.

E. BRADDON.

*Sir DOUGLAS GALTON, K.C.B., &c.*

12, Chester-street, Grosvenor Place, S.W.,  
11th March, 1891.

(Copy)

DEAR SIR,

I AM very sorry that the Assistant Secretary did not forward to you the papers which I alluded to as regards the Hygienic Congress. I think these papers will show fully what the objects of the Congress are.

I have asked the Assistant Secretary, moreover, to furnish you with additional copies of these papers, and also with a copy of the letter which was sent to the Governor of Tasmania through the Colonial Office.

Yours truly,

DOUGLAS GALTON.

*Sir E. BRADDON, K.C.M.G.*



No. 131.

*Office of the Agent-General for Tasmania,  
Westminster Chambers, 5, Victoria-street, London, S.W., 20th March, 1891.*

SIR,

IN continuation of my Despatch, No. 116, dated 12th instant, forwarding papers relating to the 7th International Congress of Hygiene and Demography, I have the honour to transmit herewith copy of a letter addressed by the Chairman of the Organising Committee to Lord Knutsford, referred to in Sir Douglas Galton's letter of the 11th March.

I also forward copy of a communication from the Acting Hon. Secretary of "Engineering" Section in answer to one of mine (copy also enclosed) covering copy of the programme of subjects to be brought before the Congress of this Division.

I have, &amp;c.

E. BRADDON, *Agent-General.*

*The Hon. the Premier, &c., Hobart, Tasmania.*

INTERNATIONAL CONGRESS OF HYGIENE AND DEMOGRAPHY,  
London, August 10th to 17th, 1891.

PRESIDENT: H.R.H. THE PRINCE OF WALES, K.G.

MY LORD,

*Offices, 20, Hanover Square, London, W., 1890.*

WE beg to direct your Lordship's attention to the important arrangement which has been recently concluded for holding the Seventh International Congress of Hygiene and Demography in London in 1891, under the Presidency of H.R.H. the Prince of Wales.

Your Lordship will be aware that the former Congresses have been held biennially in some of the chief Continental cities, the last being held in Vienna, under the auspices of His late Imperial Highness Prince Rudolf, the Crown Prince of Austria, who opened the Congress in person.

The next Congress will be the first which has met in Great Britain, and we entertain the confident assurance that it will be your Lordship's desire that that Congress should in all its circumstances be worthy of the great nation which stands foremost in the promotion and practical application of hygienic science and statistical research. The learned and scientific societies of Great Britain and Ireland have already nominated as delegates a number of gentlemen of the highest distinction as hygienists and statisticians. Taking into consideration that the Congress will be attended by the representatives of numerous councils and corporations engaged in sanitary administration, and by members of several professions, we are led to anticipate that London will be visited by not fewer persons than at the time of the Medical Congress in 1881.

The deliberations of the Congress will be specially directed to the consideration of subjects concerning the Public Health; and in the section of Demography, which will be assisted by a special committee assisted by the Royal Statistical Society, the life conditions of civilised communities will be considered in their various industrial, social, and domestic relations from statistical points of view.

It is obvious that such a conference of official and professional authorities and scientists will necessarily be of the highest value in promoting Hygiene and cognate sciences, and generally advancing the welfare, not only of all classes of our fellow-countrymen, but of humanity at large.

In all preceding Congresses of a similar nature official and other representatives have been delegated by countries foreign to that in which the Congress has been held. We therefore venture to express the hope that, should the objects and arrangements of the Congress described above have gained your approval, your Lordship will allow us through the Colonial Office to communicate with the Colonial Governments, inviting them to appoint delegates and take part in the proceedings of the Congress to be held in London in 1891, and thus confer upon the Congress that truly international character which it is our earnest desire it should attain.

We have the honour to be,

My Lord,

Your obedient Servants,

DOUGLAS GALTON, *Chairman Organising Committee.*

SHIRLEY F. MURPHY, } *Hon. Secs.*  
W. H. CORFIELD, }

*The Right Hon. LORD KNUTSFORD, G.C.M.G.,  
Secretary of State for the Colonies.*

(Copy)

No. 444.

*Office of the Agent-General for Tasmania,  
5 Victoria-street, London, S.W., 14th March, 1891.*

SIR,

I BEG to acknowledge the receipt of your letter of the 13th instant, addressed to Sir Jas. Youl (who has ceased to have any official connection with Tasmania), and, in reply, to inform you that the only person in the Colony I know of whose qualifications are of the nature referred to by you is Alfred Mault, Esq., C.E., Engineering Inspector and Secretary to the Central Board of Health in the Colony.

I am, &amp;c.,

E. BRADDON, *Agent-General.*

*The Acting Honorary Secretary Committee of Engineering  
Section, 35 Parliament-street, S.W.*

(Copy)

INTERNATIONAL CONGRESS OF HYGIENE AND DEMOGRAPHY,  
SECTION OF ENGINEERING.

35, *Parliament-street, 17th March, 1891.*

SIR,

IN reply to yours of the 18th instant, for which I am much obliged, as well as for your kindness in writing to your Government for information as to the names of Colonial Engineers or scientific men connected with engineering in its relation to Hygiene who are qualified for the positions of Hon. Presidents, Vice-Presidents, or Councillors on the Section of Engineering, may I ask you at the same time to request from the gentlemen whose names may be given in for such nominations that they will read or communicate papers on some or all of the subjects dealt with by the Section? The time is too short and the distance too long for it to be possible to communicate with these gentlemen after nomination; and it will be of course understood that I cannot guarantee that any paper which may be communicated will be read or printed.

I enclose a copy of the programme of subjects, and the conditions under which papers are to be communicated are given below. Should any gentleman from the Colony which you represent intend to be present at the Congress, I shall feel much obliged if you will inform me of the fact at the earliest possible date.

I am, &amp;c.

REGINALD E. MIDDLETON,  
*Acting Hon. Secretary.*

Sir E. BRADDON, *K.C.M.G.*

## CONDITIONS.

GENTLEMEN who are desirous of joining the Congress and of taking part in any of the above discussions, or of communicating papers on other subjects within the scope of the Section, are requested to inform the Hon. Secretaries of the Section not later than the fifteenth of June. Abstracts of all papers read in the Section should, if possible, be furnished to the Hon. Secretaries not later than the fifteenth of June, and the full text of the papers before the fifteenth of July. Abstracts of papers should not exceed 500 words, and should, if possible, be *type-written* to ensure accuracy of printing and translation.

Papers and abstracts may be written, and speeches delivered, in French, German, or English. No papers will be received which have been previously published or communicated to any other Society.

A limit of fifteen minutes will be fixed for a paper or speech introducing a subject, and a limit of ten minutes for all subsequent speeches or papers on the same subject.

## SEVENTH INTERNATIONAL CONGRESS OF HYGIENE AND DEMOGRAPHY.

London, August 10th to 17th, 1891.

PATRON—H.M. THE QUEEN.

PRESIDENT—H.R.H. THE PRINCE OF WALES, *K.G.*

## SECTION VII.

## ENGINEERING IN RELATION TO HYGIENE.

**List of Officers.***President.*—Sir JOHN COODE, K.C.M.G., President of the Institution Civil Engineers.*Vice-Presidents :*

Sir Robert Rawlinson, K.C.B., Vice-President of the Institution Civil Engineers.

Thomas Hawksley, F.R.S., Past President of the Institution Civil Engineers.

James Mansergh, Member of Council of the Inst. C.E.

Alex. R. Binnie, Member Inst. C.E., Engineer-in-Chief London County Council.

H. Percy Boulnois, Mem. Inst. C.E., President of the Association of Municipal and County Engineers.

James M. Gale, Memb. Inst. C.E., Glasgow.

Professor Henry Robinson, Memb. Inst. C.E., Professor of Civil Engineering at King's College, London.

Major Hector Tulloch, R.E., Chief Engineering Inspector to the Local Government Board.

*Secretaries :*

Reginald E. Middleton, Memb. Inst. C.E., 35 Parliament street, S.W.

H. C. Houldle, Local Government Board, S.W.

J. Wallace Peggs, Associate Member Inst. C.E., Member of Council of the Sanitary Institute, 9 Welbeck Mansions, Cadogan Square, S.W.

## I.—SEWERAGE AND SEWAGE DISPOSAL.

## A.—WATER-CARRIAGE SYSTEM.

Construction, gradients, and ventilation of Sewers—Separation of sewage from rain water—Exclusion from rivers of rain water from streets and roofs—Sewage disposal—Discharge of crude sewage into tidal waters—Discharge into tidal waters after deposition of solids—Irrigation and filtration—Chemical treatment—Electrical treatment.

## B.—OTHER SYSTEMS.

Collection and disposal of sewage by systems other than those where water is used.

## II.—WATER SUPPLY.

Collecting areas—Quality and quantity of water collected—Quality of potable water—Storage and service reservoirs—Subterranean sources of supply—Geology as affecting water supply—Filtration and purification of water—Softening of water—Distribution of water—Separation of supply for potable and other purposes—Utilisation of sea water for potable purposes by distillation, also for watering and cleansing streets and for flushing purposes—The effect of subsoil water on health.

## III.—POLLUTION OF RIVERS.

Prohibition of pollution—Modes of prevention as regards sewage, chemical, manufacturing, mining, or other refuse—The spread of disease by polluted rivers—The self-purifying power of rivers.

## IV.—TOWN REFUSE.

Collection of refuse and its disposal—By fire—By conveyance to the sea—By chemical destruction—By disposal on land or otherwise.

*All communications relative to this Section should be addressed to*

REGINALD E. MIDDLETON,  
35 Parliament Street,  
London, S.W.

*In matters relating to the General Business of the Congress—Letters should be addressed to*

THE HON. SECRETARY GENERAL,  
20 Hanover Square,  
London, W.

No. 1085.

*Premier's Office, Tasmania, 2nd May, 1891.*

SIR,

IN reference to the forthcoming Congress of Hygiene and Demography which is to meet in London during the month of August next,—the subject of your Despatches, Nos. 116 and 131, of the 12th and 20th of March,—I have the honor to inform you that the question of the representation of Tasmania had previously been considered by the Government in connection with a Circular Despatch from the Secretary of State for the Colonies, dated the 19th August, 1890, in which the matter was first brought under their notice.

It was not considered advisable to incur the necessarily heavy expenditure which would be entailed by sending home a specially qualified officer such as Mr. Mault; but as Mr. James Arthur Hardy, M.R.C.S. Eng., who is shortly visiting England, has offered to represent the Colony at this Congress, Ministers were glad to avail themselves of his services, and he has been furnished with the requisite Commission of Appointment. Mr. Hardy is a gentleman who is well known to you as having practised his profession both in Hobart and Launceston.

Your suggestion that you should also attend the Congress meets with the cordial approval of the Government. It will not be necessary, however, to forward you a Commission, your position as Agent-General for the Colony being sufficient authority.

I shall be glad if you will be so good as to afford Mr. Hardy any assistance in your power in connection with his position as a Delegate from Tasmania.

I have, &amp;c.

P. O. FYSH.

SIR EDWARD BRADDON, K.C.M.G.,  
*Agent-General for Tasmania, London.*

*Premier's Office, Tasmania, 21st May, 1891.*

MEMORANDUM FOR HIS EXCELLENCY THE GOVERNOR.

THE Premier has the honor to return to your Excellency herewith the Secretary of State's Circular Despatch of the 16th August last, on the subject of the forthcoming International Congress on Hygiene and Demography.

Ministers had not contemplated incurring the expense of sending a specially qualified officer to attend this Congress, but they have taken advantage of the visit to England at this time of Mr. James Arthur Hardy, M.R.C.S. Eng., a Surgeon in practice in Hobart, to commission him to act in conjunction with Sir Edward Braddon, K.C.M.G., Agent-General, as a representative of Tasmania on the occasion referred to.

P. O. FYSH.

No. 166.

*Office of the Agent-General for Tasmania,  
Westminster Chambers, 5, Victoria-street, London, S.W., 21st April, 1891.*

SIR,

IN continuation of my Despatch, No. 131, of the 20th ultimo, I have the honor to inform you that I have accepted the position of Member of the Honorary Council of the Seventh International Congress of Hygiene and Demography.

It will not be necessary (or indeed desirable) that I should now be appointed a Delegate for Tasmania, as my membership of the Council will afford me all the facilities I can require for being of assistance to other Delegates who may serve on the part of Tasmania at this Conference.

I have, &amp;c.

E. BRADDON, *Agent-General.**The Hon. the Premier, &c., Hobart, Tasmania.*

INTERNATIONAL CONGRESS OF HYGIENE AND DEMOGRAPHY,  
London, August 10th to 17th, 1891.

PRESIDENT: H.R.H. THE PRINCE OF WALES, K.G.

*Section of Engineering, 35, Parliament-street, March 23rd, 1891.*

SIR,

I AM directed by the Committee of the Engineering Section of this Congress to ask you if you will consent to be nominated as Vice-President on this Section, as representing Tasmania; and whether you are able to communicate a paper upon one of the subjects dealt with by this Section? I enclose a programme, and a copy of the conditions under which papers will be received. I shall feel much obliged if you will kindly let me know your decision at the earliest possible date.

I have, &c.

REGINALD E. MIDDLETON, *Acting Hon. Sec.*

A. MAULT, ESQ.

*Mount Zeehan, Tasmania, 16th May, 1891.*

SIR,

I BEG to acknowledge the receipt of your letter of the 23rd March, and to thank the Committee of the Engineering Section of the International Congress of Hygiene and Demography for the honour they do me in nominating me a Vice-President of the Section—an honour I have great pleasure in accepting.

I am sorry that, owing to my being absent from Hobart in a rather inaccessible part of the Colony, your letter only reached me yesterday. It will consequently be quite impossible for me to forward any abstract to reach you before the 15th June. But, if practicable, I will, on my return to Hobart, send a short paper in time to reach you by the 15th July.

I have, &c.

A. MAULT.

REGINALD E. MIDDLETON, *Esq., C.E., 35, Parliament Street, S.W.*

CENTRAL BOARD OF HEALTH—PUBLIC HEALTH ACTS

SIR,

At a meeting of the Central Board of Health, held on Tuesday, the 16th instant, I was instructed to send you the following copy of a Resolution that had been passed at a Conference of the Board with the Mayor and Local Board of Health of the City of Hobart, held on the same day:—

“That this Conference concurs in the opinion of the Central Board of Health, as set forth in the Minute No. 36 of its meeting of the 11th June, that it is very desirable to send the Engineering Inspector to the Congress in London.”

I beg to enclose a copy of the above-mentioned minute, and also of a report made in accordance with instructions it contains relative to expenditure and ways and means.

I was further instructed to request you to take the necessary steps to obtain a supplementary credit of One hundred and fifty pounds for the service of the year 1891, under the heading “For the purposes of the Public Health Act,” so that, with the balance in hand, provision may be made for giving effect to the Resolution of the Conference.

I have, &c.,

A. MAULT, *Secretary.*

*The Honorable the Chief Secretary.*

CONGRESS ON HYGIENE IN LONDON.

The Hon. the President laid on the table the despatches from the Right Hon. the Secretary of State for the Colonies, and from the Agent-General, on the matter of the Seventh International Congress of Hygiene and Demography, to be held in London in August next, and the correspondence relative thereto. He also informed the Board that the London Committee of the Engineering Section of the Congress had nominated Mr. Mault, Engineering Inspector of the Board, to be one of its Vice-Presidents, and, in the name of the Board, congratulated the Inspector on the honour thus conferred. He referred to the sug-

gestion of the Agent-General that, in view of the urgency of the question of sanitation in Tasmania, and of the exceptional facilities the Congress would offer for seeing all the latest developments of sanitary science and work, it would be desirable to send Mr. Mault as delegate of the Colony, and he invited the expression of the opinion of the Board on the matter. He informed the Board that Dr. Hardy would attend the Medical Section of the Congress.

The whole of the members present concurred in the opinion that it was very desirable to send the Inspector to the Congress in London.

The President suggested that it would be desirable to have the opinion of the Local Boards of Health of Hobart and Launceston, and it was thereupon ordered that the Secretary communicate with the Mayors of Hobart and Launceston, and try to arrange for a conference with them on Tuesday next at 4 o'clock.

It was further ordered that the Secretary prepare a statement showing the unexpended balance of the Vote for the year for the purposes of the Public Health Act, and the estimated cost of sending the Inspector as a delegate to the Congress.

Hobart, 15th June, 1891.

GENTLEMEN,

In accordance with the instructions contained in Minute No. 36 of 1891, I beg to report to you that I estimate the expenditure necessary for a visit to England for the purpose of attending the Congress of Hygiene in London, and inquiring into all matters connected with the disposal of Sewage and Town Refuse, at Three hundred Pounds: and

That there are to-day unexpended balances of the Parliamentary appropriations for the service of the current year of £70 6s. 6d. under the heading "Travelling Expenses"; and of £367 3s. 3d. under the heading "For the purposes of the Public Health Acts." The whole of the £70 6s. 6d. will be required for purposes included under the heading; and of the £367 3s. 3d., if the expenditure this year be similar to that of last year, at least £200 will be required for the service of the rest of the year.

I have, &c.

A. MAULT, *Secretary.*

*The President and Members of the Central Board of Health.*

MINUTE PAPER FOR THE EXECUTIVE COUNCIL.

*Chief Secretary's Office, Hobart, 22nd June, 1891.*

SUBMITTED, that the expenditure of the under-mentioned sum be authorised under the provisions of Sections 19 and 20 of the Regulations under "The Audit Act, 1888," 52 Victoria, No. 43, for the purposes herein set forth, the amount to be hereafter submitted to Parliament in the manner prescribed by Section 21 of the aforesaid Regulations:—

*For the year 1891.*

One hundred and fifty Pounds, to meet expenditure to be incurred to enable Mr. Alfred Mault, Engineering Inspector, Central Board of Health, to represent Tasmania at the International Congress of Hygiene and Demography to be held in London in August next.

To be charged against the vote "For the purposes of 'The Public Health Act.'"

A. INGLIS CLARK, *for the Chief Secretary, absent.*

THE Governor in Council approves.

E. C. NOWELL,  
22nd June, 1891.

R. G. C. H.

MEMORANDUM.

THE Governor in Council has been pleased to authorise the expenditure of One hundred and fifty Pounds under the provisions of Sections 19 and 20 of the Regulations under "The Audit Act, 1888," 52 Victoria, No. 43, for the purposes herein set forth, the amount to be hereafter submitted to Parliament in the manner prescribed by Section 21 of the aforesaid Regulations:—

*For the year 1891.*

To meet expenditure to be incurred to enable Mr. Alfred Mault, the Engineering Inspector of the Central Board of Health, to represent Tasmania at the International Congress of Hygiene and Demography to be held in London in August next.

To be charged against the vote "For the purposes of 'The Public Health Act.'"

By Command,

P. O. FYSH.

*Chief Secretary's Office, 23rd June, 1891.*

*The Hon. the Treasurer.*

SIR,

*Chief Secretary's Office, 23rd June, 1891.*

IN reply to your letter of the 20th instant, I have the honor to inform you that the Governor in Council has been pleased to approve of the sum of One hundred and fifty Pounds being placed upon a Supplementary Estimate for the year 1891 to meet expenditure to be incurred to enable you, as the Engineering Inspector of the Central Board of Health, to represent Tasmania at the International Congress of Hygiene and Demography to be held in London in August next. To be charged against the vote "For the purposes of 'The Public Health Act.'"

The necessary authority has been forwarded to the Honorable the Treasurer.

I have, &amp;c.

ALFRED MAULT, *Esq.*, *Secretary*  
*Central Board of Health, Hobart.*

P. O. FYSH.

SIR,

*Central Board of Health, Hobart, 23rd June, 1891.*

I AM instructed to request that, for the purpose of attending the Congress of Hygiene to be held in London in August, and of making enquiries regarding sanitary matters when at home, the sum of Three hundred Pounds may be advanced to me to cover the total cost of my visit to Europe. Of this sum I should immediately require One hundred and fifty Pounds to be paid to me here, and for that purpose enclose a voucher. The balance, I would suggest, might be paid to me by the Agent-General in London, and I have to request the necessary authority to do so be given.

I have, &amp;c.

*The Hon. the Chief Secretary.*A. MAULT, *Engineering Inspector.*

A detailed statement of all expenses will be forwarded on my return.

APPROVED.

P. O. FYSH.  
*23rd June, 1891.*

*The Hon. the Treasurer.*

SIR,

*Chief Secretary's Office, 24th June, 1891.*

IN reply to your letter of yesterday's date, I have the honor to inform you that the Governor approves of an advance of Three hundred Pounds being paid to you to cover the total cost of your visit to Europe. The account for One hundred and fifty Pounds enclosed by you has been approved and forwarded to the Treasury for payment.

The Agent-General will be requested to pay the balance,—namely, One hundred and fifty Pounds,—to you on your arrival in London.

I have, &amp;c.

ALFRED MAULT, *Esq.*, *Engineering Inspector*  
*Central Board of Health, Hobart.*

P. O. FYSH.

*By His Excellency SIR ROBERT GEORGE CROOKSHANK HAMILTON, Knight  
Commander of the Most Honorable Order of the Bath, Governor and  
Commander-in-Chief in and over the Colony of Tasmania and its Depen-  
dencies.*

To ALFRED MAULT, of Hobart, in Tasmania, Esquire, Engineering Inspector to the Central Board of Health.

GREETING.

WHEREAS the International Congress of Hygiene and Demography is to be held at London in the present year, at which Representatives of the Colonial Governments have been invited to attend and to take part in the deliberations of the Congress: And whereas it is expedient that the Colony of Tasmania shall be represented at the said Congress: Now therefore I, SIR ROBERT GEORGE CROOKSHANK HAMILTON, Knight Commander of the Most Honorable Order of the Bath, Governor and Commander-in-Chief as aforesaid, do, by this Commission, appoint you, Alfred Mault, Esquire, Engineering Inspector to the Central Board of Health, to represent and act on behalf of the Government of Tasmania in and at the said International Congress of Hygiene and Demography to meet in London, as aforesaid, and you are hereby authorised to confer and deliberate with the other Representatives thereat assembling.

Given under my hand and the Seal of the Colony of Tasmania, at Hobart, in the said Colony, this 26th day of June, 1891, and in the fifty-fifth year of the reign of Her Majesty Queen Victoria.

R. G. C. HAMILTON.

By His Excellency's Command,

P. O. FYSH, *Chief Secretary.*

No. 1133.

*Premier's Office, Tasmania, 20th June, 1891.*

SIR,

SINCE the date of my Despatch to you, No. 1085, of the 2nd ultimo, I have learnt that Mr. Mault's eminent services in connection with English and Parisian Drainage Works have secured for him the honor of being nominated a Vice-President of that Section of the forthcoming Congress on Hygiene and Demography devoted to Engineering in relation to Hygiene.

The reconsideration of the question of delegating Mr. Mault to attend the Congress was thus rendered necessary; and the Government, acting on the recommendation of the Central Board of Health, have now decided that it is desirable he should be present,—especially in view of the possibly early initiation of an improved scheme of sanitation in Hobart.

I shall be glad if you will be kind enough to afford Mr. Mault, who leaves for England in the s.s. *Polynésien* on the 30th instant, all the assistance in your power in connection with the object of his journey.

I have, &amp;c.

P. O. FYSH.

*Sir EDWARD BRADDON, K.C.M.G., Agent-General for Tasmania, London.*

No. 1139.

*Premier's Office, Tasmania, 27th June, 1891.*

SIR,

REFERRING to my Despatch, No. 1133, of the 20th instant, respecting the appointment of Mr. Alfred Mault, Engineering Inspector to the Central Board of Health, as a Representative of Tasmania at the Congress of Hygiene and Demography, I have now the honor to inform you that the sum of £300 is provided to meet that gentleman's expenses whilst absent from the Colony on this service.

A moiety of this sum will be paid to Mr. Mault before he leaves, and I shall be glad if you will make such further payments to him as he may require in England, not exceeding the remaining £150, out of the funds at your disposal.

I have, &amp;c.

P. O. FYSH.

*Sir EDWARD BRADDON, K.C.M.G., Agent-General for Tasmania, London.**Hillcrest, 16th July, 1891.*

MY DEAR MR. FYSH,

I HAVE no hesitation in bearing my testimony to the valuable services rendered by Mr. Mault in the initiatory work of the Central Board of Health, and in its subsequent active operations. The whole subject of sanitary work was quite new to most Members of the first Board, and we found in Mr. Mault an officer whose previous experience in sanitary engineering, and whose close application to the duties of his office, rendered him a valuable public servant.

In the work of the Board we found that in dealing with local bodies much information had to be imparted, much help to be given, and much prejudice to be overcome. Mr. Mault's knowledge of details, and his general tact, assisted us to grasp and surmount many difficulties. We soon found that Mr. Mault's services were eagerly sought after, and were much appreciated by many of the Local Boards of Health in all parts of the colony.

The appointment of Mr. Mault as a Representative of Tasmania at the Sanitary Science Congress in London is a very happy and appropriate one. He is specially adapted to take advantage of the new information that must be gained at such a meeting, and to apply such knowledge for the benefit of the community at large.

Yours faithfully,

JAS. H. B. WALCH.