

Mr. GEO. TAYLOR. What report or certificates does the engineer send in?

Mr. PUGSLEY. He gives certificates from time to time according to the quantities.

Mr. GEO. TAYLOR. Has the minister the certificates there?

Mr. PUGSLEY. No, but I can get them for my hon. friend.

Mr. GEO. TAYLOR. Has there been a yard of blasting under water done, of marine blasting?

Mr. PUGSLEY. I cannot tell my hon. friend as to that. But I can get the certificates which will show exactly. Perhaps I may be able to bring them down this evening.

Mr. ARMSTRONG. In what way are the measurements taken? Does the engineer examine the work and make his estimates, or does he measure the amount of material excavated?

Mr. PUGSLEY. We have a man constantly on the work, who makes his certificate, and then payment is made. The engineer in charge of the work, Mr. Chapleau, makes an actual survey, showing how much has been excavated. There was a survey made originally in situ, then he makes a new survey, and determines what quantities are removed; and upon those certificates payment is made.

Mr. ARMSTRONG. When did the work commence?

Mr. PUGSLEY. The contract was let on the 1st of February, 1909, and the work commenced early at the beginning of the season.

Mr. ARMSTRONG. How much does the man who has charge of the work receive?

Mr. PUGSLEY. You mean the engineer?

Mr. ARMSTRONG. No, I mean the other man.

Mr. PUGSLEY. \$2.50 per day.

Mr. GEO. TAYLOR. Who is he?

Mr. PUGSLEY. Mr. Bullock.

Mr. ARMSTRONG. It seems to be absurd that a man and an engineer are necessary to take charge of a work involving an expenditure of \$8,000 in a year.

Mr. PUGSLEY. The engineer is a member of the regular staff. We had expected that the work would proceed more rapidly and next year I have every reason to believe that it will go forward with reasonable rapidity.

Mr. ARMSTRONG. In this case you have expended \$1,000 to look after the expenditure of only \$8,000.

Mr. PUGSLEY. How does my hon. friend make it a thousand?

Mr. ARMSTRONG. \$2.50 a day for a man in the neighbourhood of a year.

Mr. PUGSLEY. No, from the opening of spring to the close of navigation which would not be over 100 or 150 days. Instead of \$1,000 it would not be over \$300 or \$400.

Mr. GEO. TAYLOR. Then there is the engineer.

Mr. PUGSLEY. The engineer is on the regular staff and he has other work under his charge.

Mr. GEO. TAYLOR. I would like the minister to bring down the engineer's returns at eight o'clock.

Mr. PUGSLEY. Yes, I will have them here at eight.

Mr. GEO. TAYLOR. The minister made the statement that work commenced immediately upon the opening of spring and went on during the whole season.

Mr. PUGSLEY. I did not say 'immediately.' I said that it commenced after the season opened.

Mr. GEO. TAYLOR. They went out in April last to this island, but the only work that they did was some time in August.

Mr. PUGSLEY. I think my hon. friend is mistaken. My deputy informs me that he was there in May and that they were working at the island then.

Mr. GEO. TAYLOR. They hauled an old dredge out and she lay there till August.

Mr. PUGSLEY. We only pay by the cubic yard.

Mr. OWEN. \$125,000 is a large amount of money, and from the way the work has been proceeding it seems to me that it is hardly necessary. I would like to ask the minister if there has been any trouble in navigating this part of the St. Lawrence channel recently, how he came to find out that it was necessary, and why they have been so slow in proceeding with the work if it is really necessary?

Mr. PUGSLEY. As long ago as 1901 representations were made to the department urging that this work should be done, and even as early as 1901 a survey was made under the direction of Mr. Chapleau, who is now in charge of the work with the view of having it done. But, nothing was done until last year. When I became minister the matter was urged strongly upon my attention by the hon. member for Kingston (Mr. Harty) who gave me certain facts which convinced me that it was a work desirable in the public interest. It was also urged by the hon. Minister of Railways