

SENATE No. 1017

By Mr. Parker, a petition of John F. Parker for legislation to direct the Department of Public Works to place fill and construct culverts in Coles River in the town of Swansea. Harbors.

The Commonwealth of Massachusetts

In the Year One Thousand Nine Hundred and Sixty-Five.

AN ACT DIRECTING THE DEPARTMENT OF PUBLIC WORKS TO PLACE
FILL AND CONSTRUCT CULVERTS IN COLES RIVER IN THE TOWN OF
SWANSEA.

*Be it enacted by the Senate and House of Representatives in General
Court assembled, and by the authority of the same, as follows:*

- 1 The department of public works is hereby authorized and
- 2 directed to place fill and construct culverts in Coles river in
- 3 the vicinity of Pinehurst avenue in the town of Swansea, and
- 4 for said purposes said department may expend a sum not
- 5 exceeding ninety thousand dollars.

RESULTS

The results of the experiments are given in the following tables. The first table shows the results of the experiments on the effect of the concentration of the solution on the rate of reaction.

Table I

Effect of concentration on the rate of reaction

The rate of reaction was measured by the amount of gas evolved in a given time. The results are given in the following table.

The rate of reaction increases with the concentration of the solution. This is shown in the following table.

The rate of reaction is also affected by the temperature of the solution. The results are given in the following table.