

Accompanying the third recommendation of the Department of Environmental Quality Engineering (House, No. 127). Natural Resources and Agriculture.

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## The Commonwealth of Massachusetts

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In the Year One Thousand Nine Hundred and Eighty-Nine.

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AN ACT ESTABLISHING AN AIR POLLUTION RESEARCH PROGRAM IN THE DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING.

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

1 SECTION 1. Section 7A of chapter 90 of the General Laws,  
2 as most recently amended by chapter 586 of the acts of 1986, is  
3 hereby further amended by striking the fifth paragraph and  
4 inserting in place thereof the following: —

5 Each inspection station shall remit a portion of the fee to the  
6 Commonwealth in two separate portions, said portions to be  
7 determined by the registrar and the commissioner. Twenty-five  
8 cents of such amount remitted shall be separately accounted for  
9 and exclusive of any amount charged to inspection stations, which  
10 currently is deposited into the Highway Fund, and shall be pay-  
11 able to and deposited into a dedicated fund to be known as the  
12 Air Pollution Research Fund, pursuant to section one hundred  
13 forty-two K of chapter one hundred eleven of the General Laws,  
14 and which shall be under the control of the commissioner for the  
15 purpose of providing continued and sustained funding for air  
16 pollution research activities. The remainder of such remitted  
17 amount shall be deposited in the Highway Fund.

1 SECTION 2. Chapter 111 of the General Laws, is hereby  
2 amended by adding after section 142J the following new  
3 section: —

4 Section 142K. The commissioner, from funds appropriated,  
5 dedicated, or provided by grants, for the purposes stated herein,

6 shall provide for the conduct of research, development, and  
7 demonstration projects relative to air quality improvements; air  
8 quality data; air pollution control; and other academic, scientific,  
9 and engineering studies which supports and enhances activities  
10 relating to environmental quality. Such activities shall hereinafter  
11 be referred to as the "Air Pollution Research Program".

12 Said air pollution research program shall be authorized to  
13 investigate and study, but not limited to, air pollution from both  
14 mobile and stationary sources; air pollution levels not currently  
15 regulated by the federal Clean Air Act; innovative air pollution  
16 control devices for Massachusetts sources; the health impacts of  
17 air pollutants and air toxics; and mitigation measures to be  
18 applied to resources damaged by air pollutants.

19 One such activity shall be a feasibility and demonstration  
20 project involving a fleet or segment of a fleet of vehicles of the  
21 commonwealth, subdivision of the commonwealth, or other  
22 public authority or entity, for the purpose of reducing usage of  
23 fuels deemed to be a precursor to ozone. Such project shall be  
24 an interagency cooperative effort and shall include the use of  
25 alternative fuels, such as methanol and ethanol, in said vehicle  
26 fleets. The Department will have the primary authority in  
27 implementing the provisions of this section. Other agencies and  
28 authorities which shall cooperate and participate in such activity  
29 will include but not be limited to the Massachusetts Port  
30 Authority, the Massachusetts Bay Transit Authority, Regional  
31 Transit Authorities, the Executive Office of Transportation and  
32 Construction, the Massachusetts Department of Public Works,  
33 and the Massachusetts Water Resources Authority.

34 To carry out this project, participating agencies will form a  
35 working committee. Said committee, chaired by the Department  
36 of Environmental Quality Engineering will be responsible for  
37 identifying and implementing potential demonstration and  
38 feasibility projects. The commissioner shall be authorized to enter  
39 into contracts for said research.

40 In partial, but continual, financial support of the Air Pollution  
41 Research Program, there is also hereby created an Air Pollution  
42 Research Fund, which shall be a fund dedicated exclusively for  
43 those purposes stated herein and established hereby. Said Air

44 Pollution Research Fund shall be under the control of the  
45 Department and shall have deposited into it, twenty-five cents of  
46 that portion of each motor vehicle inspection fee remitted to the  
47 commonwealth, pursuant to paragraph five of section seven A of  
48 chapter ninety of the General Laws.

The first part of the report deals with the general situation of the country and the progress of the work during the year. It is followed by a detailed account of the various projects and the results achieved. The report concludes with a summary of the work done and the prospects for the future.

The work has been carried out in accordance with the programme of work approved by the Council of the Institution. It has been a year of active and successful work, and the results are most encouraging. The progress made in the various branches of the Institution's work is a credit to the staff and to the Council.

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