

HB 4044-1
(LC 76)
2/1/24 (DFY/ps)

Requested by HOUSE COMMITTEE ON EMERGENCY MANAGEMENT, GENERAL GOVERNMENT, AND VETERANS (at the request of Representative Dacia Grayber)

**PROPOSED AMENDMENTS TO
HOUSE BILL 4044**

1 Delete lines 4 through 18 of the printed bill and insert:

2 **“SECTION 1. (1) The Department of Environmental Quality shall**
3 **study risks and issues related to earthquake-induced toxic inhalation.**
4 **The department may use any appropriate methodology or methodol-**
5 **ogies to carry out the study.**

6 **“(2) In carrying out the study, the department shall seek to:**

7 **“(a) Increase understanding of the scale and extent of such hazards**
8 **by:**

9 **“(A) Identifying areas of concern by looking at geographic areas**
10 **with the highest seismic risk;**

11 **“(B) Identifying highest risk facilities within seismic risk zones,**
12 **using appropriate criteria such as the Toxic (Operational) Hazard**
13 **Score developed by the U.S. Naval Research Laboratory; and**

14 **“(C) Reporting on the statewide number of facilities of concern and**
15 **their geographic distribution, along with any relevant findings from**
16 **this inquiry;**

17 **“(b) By modeling various scenarios, increase understanding of the**
18 **potential impact on immediate areas, workers and surrounding popu-**
19 **lations in the event of uncontrolled release of hazardous material from**
20 **identified facilities resulting from an earthquake, including developing**
21 **information on the following:**

1 “(A) Projected paths of movement of hazardous material and the
2 severity of its effects, as may vary according to region, season and
3 other conditions;

4 “(B) Proximity of facilities of concern to populations who would be
5 most at risk from an uncontrolled release, and estimated total popu-
6 lation who would be most at risk;

7 “(C) Where possible using publicly available information, demo-
8 graphic analysis of the impacted populations most at risk using an
9 environmental justice analysis; and

10 “(D) Where possible using publicly available information, estimates
11 on probability of uncontrolled release of hazardous material based on
12 a facility’s current state of seismic readiness; and

13 “(c) Increase understanding of possible solutions to such hazards
14 by:

15 “(A) Completing a policy review of seismic requirements and miti-
16 gation programs in other jurisdictions that address earthquake-
17 induced toxic inhalation; and

18 “(B) Completing a literature review of mitigation solutions and ob-
19 taining an engineering review of such solutions.

20 “(3) The department may consult, partner or contract with any ap-
21 propriate entity in carrying out the study. The department and other
22 involved entities may consult with state agencies to define the scope
23 of high-risk facilities for purposes of the study.

24 “(4) On or before December 1, 2024, the department shall submit a
25 report on the findings of the study to the interim committees of the
26 Legislative Assembly related to emergency management.

27 “(5) On or before March 1, 2025, the department may submit rec-
28 ommendations for legislation to the standing or interim committees
29 of the Legislative Assembly related to emergency management.

30 “SECTION 2. Section 1 of this 2024 Act is repealed on January 2,

1 2026.

2 **“SECTION 3. This 2024 Act being necessary for the immediate**
3 **preservation of the public peace, health and safety, an emergency is**
4 **declared to exist, and this 2024 Act takes effect on its passage.”.**

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