

1 AN ACT concerning safety.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 5. The Environmental Protection Act is amended by
5 adding Section 21.7 as follows:

6 (415 ILCS 5/21.7 new)

7 Sec. 21.7. Landfills.

8 (a) The purpose of this Section is to enact legislative
9 recommendations provided by the Mahomet Aquifer Task Force,
10 established under Public Act 100-403. The Task Force identified
11 capped but unregulated or underregulated landfills that
12 overlie the Mahomet Aquifer as potentially hazardous to
13 valuable groundwater resources. These unregulated or
14 underregulated landfills generally began accepting waste for
15 disposal sometime prior to 1973.

16 (b) The Agency shall prioritize unregulated or
17 underregulated landfills that overlie the Mahomet Aquifer for
18 inspection. The following factors shall be considered:

19 (1) the presence of, and depth to, any aquifer with
20 potential potable use;

21 (2) whether the landfill has an engineered liner
22 system;

23 (3) whether the landfill has an active groundwater

1 monitoring system;

2 (4) whether waste disposal occurred within the
3 100-year floodplain; and

4 (5) landfills within the setback zone of any potable
5 water supply well.

6 (c) Subject to appropriation, the Agency shall use existing
7 information available from State and federal agencies, such as
8 the Prairie Research Institute, the Department of Natural
9 Resources, the Illinois Emergency Management Agency, the
10 Federal Emergency Management Agency, and the Natural Resources
11 Conservation Service, to identify unknown, unregulated, or
12 underregulated waste disposal sites that overlie the Mahomet
13 Aquifer that may pose a threat to surface water or groundwater
14 resources.

15 (d) Subject to appropriation, for those landfills
16 prioritized for response action following inspection and
17 investigation, the Agency shall use its own data, along with
18 data from municipalities, counties, solid waste management
19 associations, companies, corporations, and individuals, to
20 archive information about the landfills, including their
21 ownership, operational details, and waste disposal history.

22 Section 10. The Illinois Groundwater Protection Act is
23 amended by adding Section 10 as follows:

24 (415 ILCS 55/10 new)

1 Sec. 10. Pekin Metro Landfill; pilot projects.

2 (a) Subject to appropriation, the Agency shall design and
3 implement up to 2 pilot studies of landfills that overlie the
4 Mahomet Aquifer to identify threats to surface and groundwater
5 resources that are posed by the landfills. One of the pilot
6 projects shall be conducted at the Pekin Metro Landfill in
7 Tazewell County. In conducting the pilot projects, the Agency
8 shall:

9 (1) inspect and identify potential and current
10 contamination threats to the water quality of aquifers in
11 the same watershed as the landfill (for the Pekin Metro
12 Landfill, the Mahomet Aquifer);

13 (2) use geographic information systems and remote
14 sensing technology to track defects, structures,
15 appliances, and wells for routine inspection and
16 sustainable management;

17 (3) install or repair groundwater monitoring
18 mechanisms necessary to identify whether contaminants from
19 the landfill are affecting water quality in the Mahomet
20 Aquifer; and

21 (4) identify and provide cost estimates for any
22 additional response actions necessary or appropriate to
23 reduce or minimize potential threats to human health and
24 the environment resulting from current landfill
25 conditions.

26 (b) Following the completion of the pilot project response

1 actions, the Agency shall:

2 (1) evaluate, in consultation with the Prairie
3 Research Institute, the use of aerial photography and other
4 remote sensing technologies, such as Light Detection and
5 Ranging (LiDAR), to identify land erosion, landslides,
6 barren areas, leachate seeps, vegetation, and other
7 relevant surface and subsurface features of landfills to
8 aid in the inspection and investigation of landfills; and

9 (2) identify additional procedures, requirements, or
10 authorities that may be appropriate or necessary to address
11 threats to human health and the environment from other
12 unregulated or underregulated landfills throughout the
13 State.