



Sen. Scott M. Bennett

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10100SB2027sam003

LRB101 10220 CPF 60112 a

1 AMENDMENT TO SENATE BILL 2027

2 AMENDMENT NO. _____. Amend Senate Bill 2027, AS AMENDED,
3 by replacing everything after the enacting clause with the
4 following:

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

7 (415 ILCS 5/21.7 new)

8 Sec. 21.7. Landfills.

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

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

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

6 (2) whether the landfill has an engineered liner
7 system;

8 (3) whether the landfill has an active groundwater
9 monitoring system;

10 (4) whether waste disposal occurred within the
11 100-year floodplain; and

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

14 (c) Subject to appropriation, the Agency shall use existing
15 information available from State and federal agencies, such as
16 the Prairie Research Institute, the Department of Natural
17 Resources, the Illinois Emergency Management Agency, the
18 Federal Emergency Management Agency, and the Natural Resources
19 Conservation Service, to identify unknown, unregulated, or
20 underregulated waste disposal sites that overlie the Mahomet
21 Aquifer that may pose a threat to surface water or groundwater
22 resources.

23 (d) Subject to appropriation, for those landfills
24 prioritized for response action following inspection and
25 investigation, the Agency shall use its own data, along with
26 data from municipalities, counties, solid waste management

1 associations, companies, corporations, and individuals, to
2 archive information about the landfills, including their
3 ownership, operational details, and waste disposal history.

4 Section 10. The Illinois Groundwater Protection Act is
5 amended by adding Section 10 as follows:

6 (415 ILCS 55/10 new)

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

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

15 (1) inspect and identify potential and current
16 contamination threats to the water quality of aquifers in
17 the same watershed as the landfill (for the Pekin Metro
18 Landfill, the Mahomet Aquifer);

19 (2) use geographic information systems and remote
20 sensing technology to track defects, structures,
21 appliances, and wells for routine inspection and
22 sustainable management;

23 (3) install or repair groundwater monitoring
24 mechanisms necessary to identify whether contaminants from

1 the landfill are affecting water quality in the Mahomet
2 Aquifer; and

3 (4) identify and provide cost estimates for any
4 additional response actions necessary or appropriate to
5 reduce or minimize potential threats to human health and
6 the environment resulting from current landfill
7 conditions.

8 (b) Following the completion of the pilot project response
9 actions, the Agency shall:

10 (1) evaluate, in consultation with the Prairie
11 Research Institute, the use of aerial photography and other
12 remote sensing technologies, such as Light Detection and
13 Ranging (LiDAR), to identify land erosion, landslides,
14 barren areas, leachate seeps, vegetation, and other
15 relevant surface and subsurface features of landfills to
16 aid in the inspection and investigation of landfills; and

17 (2) identify additional procedures, requirements, or
18 authorities that may be appropriate or necessary to address
19 threats to human health and the environment from other
20 unregulated or underregulated landfills throughout the
21 State."