



Sen. Scott M. Bennett

Filed: 4/25/2019

10100SB2027sam002

LRB101 10220 LNS 59858 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.

15 (b) The Agency shall prioritize landfills that overlie the
16 Mahomet Aquifer for inspection using existing information

1 within Agency records, municipalities, counties, solid waste
2 management associations, companies, corporations, and
3 individuals. 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 unpermitted waste disposal
20 sites located within the boundaries of the Mahomet Aquifer that
21 may pose a threat to surface water or groundwater resources.

22 (d) Subject to appropriation, the Prairie Research
23 Institute shall offer training to instruct landfill inspectors
24 in the use of remote sensing technologies, geographic
25 information systems, and current database management
26 technologies for the routine inspection and management of

1 landfills. The training shall include, among other things,
2 instruction in:

3 (1) the preparation of georeferenced image maps and the
4 use of aerial photography and other remote sensing
5 technologies, such as Light Detection and Ranging (LiDAR),
6 to identify land erosion, landslides, barren areas,
7 leachate seeps, vegetation, and other relevant surface and
8 subsurface features of the landfills; and

9 (2) the use of geographic information systems and
10 remote sensing technologies to identify site defects,
11 structures, and monitoring wells, and to otherwise assist
12 in the routine inspection and management of landfills.

13 The Prairie Research Institute shall provide the Agency
14 with updates on developments in remote sensing technologies,
15 geographic information systems, and current database
16 management technologies that have the potential to improve the
17 routine inspection and management of landfills.

18 (e) The Agency shall use its own data, along with data from
19 municipalities, counties, solid waste management associations,
20 companies, corporations, and individuals, to archive
21 information about landfills for present and long-term use. The
22 resulting records shall be available for use as confidential
23 information by regulatory agencies, but shall not be subject to
24 the Freedom of Information Act.

25 (f) The Agency shall further assemble location information
26 about industries and companies that generate waste, including

1 from historical processes. The resulting records shall be
2 available for use as confidential information by regulatory
3 agencies but shall not be subject to the Freedom of Information
4 Act.

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

7 (415 ILCS 55/10 new)

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

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

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

22 (3) install or repair groundwater monitoring mechanisms
23 necessary to identify whether contaminants from the landfill
24 are affecting water quality in the Mahomet Aquifer;

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

5 (5) utilize the information and data collected from the
6 project to create best management practices for addressing
7 other landfills throughout the State."