



Sen. Scott M. Bennett

Filed: 4/12/2019

10100SB2027sam001

LRB101 10220 CPF 59674 a

1 AMENDMENT TO SENATE BILL 2027

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

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. Legacy landfills.

8 (a) The purpose of this Section is to enact legislative
9 recommendations provided by the Mahomet Aquifer Task Force,
10 established under P.A. 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.

14 (b) The Agency shall prioritize legacy landfills for
15 inspection using existing information within Agency records,
16 municipalities, counties, solid waste management associations,

1 companies, corporations, and individuals.

2 (c) Subject to appropriation, the Agency shall use existing
3 information available from State and federal agencies, such as
4 the Prairie Research Institute, the Department of Natural
5 Resources, the Illinois Emergency Management Agency, the
6 Federal Emergency Management Agency, and the Natural Resources
7 Conservation Service, to identify unpermitted waste disposal
8 sites located within the boundaries of the Mahomet Aquifer that
9 may pose a threat to surface water or groundwater resources.

10 (d) Subject to appropriation, the Prairie Research
11 Institute shall offer training to instruct landfill inspectors
12 in the use of remote sensing technologies, geographic
13 information systems, and current database management
14 technologies for the routine inspection and management of
15 landfills. The training shall include, among other things,
16 instruction in:

17 (1) the preparation of georeferenced image maps and the
18 use of aerial photography and other remote sensing
19 technologies, such as Light Detection and Ranging (LiDAR),
20 to identify land erosion, landslides, barren areas,
21 leachate seeps, vegetation, and other relevant surface and
22 subsurface features of the landfills; and

23 (2) the use of geographic information systems and
24 remote sensing technologies to identify site defects,
25 structures, and monitoring wells, and to otherwise assist
26 in the routine inspection and management of landfills.

1 The Prairie Research Institute shall provide the Agency
2 with updates on developments in remote sensing technologies,
3 geographic information systems, and current database
4 management technologies that have the potential to improve the
5 routine inspection and management of landfills.

6 (e) The Agency shall use its own data, along with data from
7 municipalities, counties, solid waste management associations,
8 companies, corporations, and individuals, to archive
9 information about legacy landfills for present and long-term
10 use. The resulting records shall be available for use as
11 confidential information by regulatory agencies, but shall not
12 be subject to the Freedom of Information Act.

13 (f) The Agency shall further assemble location information
14 about industries and companies that generate waste, including
15 from historical processes. The resulting records shall be
16 available for use as confidential information by regulatory
17 agencies but shall not be subject to the Freedom of Information
18 Act.

19 (g) For purposes of this Section, "legacy landfills" means
20 landfills without source controls, groundwater monitoring
21 programs, or effective engineering controls, also known as
22 dumps.

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

1 (415 ILCS 55/10 new)

2 Sec. 10. Pekin Metro Landfill pilot projects.

3 (a) Subject to appropriation, the Agency shall design and
4 implement up to 2 pilot studies of legacy landfills that
5 overlie the Mahomet Aquifer using, as appropriate, remote
6 sensing technologies and geographic information systems to
7 identify threats to surface and groundwater resources that are
8 posed by the landfills. One of the pilot projects shall be
9 conducted at the Pekin Metro Landfill in Tazewell County if the
10 Agency determines that application of these technologies would
11 be useful in identifying threats to surface and groundwater
12 resources posed by that landfill. The pilot projects shall:

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

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

21 (3) remedy groundwater monitoring mechanisms necessary
22 to initiate a post-closure care period; and

23 (4) utilize the information and data collected from the
24 project to create best management practices for addressing
25 other legacy landfills throughout the State.

26 (b) As used in this Section:

1 "Best management practices" means those physical,
2 structural, and managerial practices and prohibitions of
3 practices that, when used singly or in combination, can
4 prevent pollution to groundwater and surface water.

5 "Legacy landfills" means landfills without source
6 controls, groundwater monitoring programs, or effective
7 engineering controls, also known as dumps."