

House Concurrent Resolution No. 109

98TH GENERAL ASSEMBLY

INTRODUCED BY REPRESENTATIVE ENGLISH.

6815H.011

D. ADAM CRUMBLISS, Chief Clerk

1 **WHEREAS**, the United States has 3,091 active landfills and over 10,000 old municipal
2 landfills, according to the Environmental Protection Agency; and

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4 **WHEREAS**, groundwater flows downstream or toward nearby lakes and rivers and in
5 some cases upstream from water treatment facilities; and

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7 **WHEREAS**, leachate is rainwater that becomes contaminated as it seeps through a coal
8 pile, mine tailings, or a landfill, and can pose a significant threat to aquifers, rivers, lakes, and
9 watersheds if left untreated; and

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11 **WHEREAS**, municipal landfills and their leachate and air emissions are hazardous; and

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13 **WHEREAS**, typical constituents and compounds found in municipal solid waste landfill
14 gas include, but are not limited to:

15 Component	16 Percent (dry volume basis)*
17 Methane	40-60%
18 Carbon Dioxide	40-60%
19 Nitrogen	2-5%
20 Oxygen	0.1-1.0%
21 Ammonia	0.1-1.0%
22 Sulfides, disulfides, mercaptans, etc.	0-0.2%
23 Hydrogen	0-0.2%
24 Carbon Monoxide	0-0.2%
25 Trace Constituents	0.01-0.6%
26 Lead-210	0.01-0.6%
27 Manganese	
28 Radium-226	
29 Radon	
30 Selenium	

- 31 Thorium
- 32 Thorium-230
- 33 Uranium-235
- 34 Vinyl Chloride
- 35 Aroclor-1254
- 36 Arsenic
- 37 Benzene
- 38 Chloride
- 39 Fluoride

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41 *Exact percentage distribution will vary with the age of the landfill:

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43 **NOW THEREFORE BE IT RESOLVED** that the members of the House of
44 Representatives of the Ninety-eighth General Assembly, Second Regular Session, the Senate
45 concurring therein, hereby request the Bridgeton Landfill to stop pumping or dumping leachate
46 into the Missouri River; and

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48 **BE IT FURTHER RESOLVED** that the Chief Clerk of the Missouri House of
49 Representatives be instructed to prepare a properly inscribed copy of this resolution for the
50 management of the Bridgeton Landfill.

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