

STATE OF ILLINOIS
NINETY-SECOND GENERAL ASSEMBLY
SENATE

Senate Resolution No. 137

Offered by Senators Weaver, Peterson and Klemm

WHEREAS, Groundwater is an essential resource for Illinois; and

WHEREAS, Groundwater feeds our lakes, streams and wetlands and helps sustain the many creatures who live there; and

WHEREAS, Approximately one-fourth of all fresh water used in the nation comes from groundwater; and

WHEREAS, Groundwater provides approximately 35% of the drinking water supply for urban areas and 95% of the supply for rural areas, meeting the household needs of more than 117 million people in this nation; and

WHEREAS, As the Illinois population grows and land uses intensify, threats to groundwater quality and quantity are increasing; therefore, be it

RESOLVED, BY THE SENATE OF THE NINETY-SECOND GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that the Department of Natural Resources shall conduct a study of the groundwater and aquifer system of Illinois; and be it further

RESOLVED, That the study shall (1) develop an understanding of the geology of each aquifer in the State; (2) determine the groundwater flow through the geologic units and the interaction of the groundwater with surface waters; (3) analyze current groundwater withdrawals; and (4) determine the chemistry of the geologic units and the groundwater in those units; and be it further

RESOLVED, That based upon information obtained from this

1 study, the Department shall develop geologic and groundwater
 2 flow models for each underground aquifer in the State that
 3 show the impact of adding future wells or of future
 4 groundwater withdrawal; and be it further

5 RESOLVED, That the Department shall develop a plan for
 6 conducting and completing this study and submit the plan to
 7 the Senate no later than November 1, 2001; and be it further

8 RESOLVED, That the Department shall report its findings
 9 to the Senate no later than January 1, 2003; and be it
 10 further

11 RESOLVED, That the report shall include recommendations
 12 on the potential of receiving federal funding for the
 13 groundwater and aquifer system of Illinois and related
 14 programs; and be it further

15 RESOLVED, That a suitable copy of this resolution shall
 16 be given to the Director of the Department of Natural
 17 Resources.

18 Adopted by the Senate, May 21, 2001.

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 President of the Senate

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 Secretary of the Senate