

4543

2011-2012 Regular Sessions

I N   A S S E M B L Y

February 4, 2011

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Introduced by M. of A. ENGLEBRIGHT -- read once and referred to the  
Committee on Environmental Conservation

AN ACT to establish a moratorium on the installation of synthetic turf  
pending a comprehensive environmental and public health study; to  
amend the environmental conservation law, in relation to environmental  
impact assessments of the use of synthetic turf; and providing for the  
repeal of certain provisions upon expiration thereof

THE PEOPLE OF THE STATE OF NEW YORK, REPRESENTED IN SENATE AND ASSEM-  
BLY, DO ENACT AS FOLLOWS:

1     Section 1. Legislative findings. The legislature finds that increas-  
2     ingly, synthetic turf is being installed in many locations in New York  
3     state, including parks, athletic fields and other settings where natural  
4     grass was previously grown. In recent years, crumb rubber fill is being  
5     used as a component of synthetic turf and mulch. Crumb rubber is the  
6     result of processing waste tires, which contain numerous components,  
7     some of which are known to be hazardous to people and the environment.  
8     The hazardous components include arsenic, cadmium, chromium, lead, vana-  
9     dium, zinc and acetone. Health effects associated with these components,  
10    at dangerous levels, include birth defects, cancer, nervous system  
11    damage and immune system suppression. While various options for waste  
12    tire use are essential to reducing the significant stockpiles of waste  
13    tires, such uses should not threaten or compromise public health.  
14    The legislature finds that more information is necessary to make an  
15    informed decision on the appropriate uses of synthetic turf containing  
16    crumb rubber. In the interest of preventing adverse health impacts and  
17    contamination to natural resources, the legislature finds that a compre-  
18    hensive environmental and public health study on the potential threats  
19    associated with the use of synthetic turf is warranted.  
20    Therefore, the legislature finds that it is consistent with public  
21    policy to require such comprehensive environmental and public health  
22    study to be undertaken immediately; and, in the meantime, to temporarily

EXPLANATION--Matter in *ITALICS* (underscored) is new; matter in brackets  
[ ] is old law to be omitted.

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1 suspend the installation of synthetic turf products that contain crumb  
2 rubber.

3 S 2. Moratorium on the installation of synthetic turf. 1. Defi-  
4 nitions. For the purposes of this act, the following terms shall have  
5 the following definitions:

6 a. "Crumb rubber" means ground rubber derived from waste tires, which  
7 contain one or more of the following ingredients: arsenic, cadmium,  
8 chromium, lead, vanadium, zinc, and acetone;

9 b. "Synthetic turf" means any materials or compositions that include  
10 crumb rubber as a component used in place of grass to surface parks,  
11 outdoor playing or athletic fields, indoor athletic facilities or other  
12 venues.

13 2. Moratorium. A moratorium is hereby established on the installation  
14 of synthetic turf for a period of 6 months from the effective date of  
15 this act or until the department of environmental conservation reports  
16 to the governor and the legislature on its findings and recommendations  
17 as required in section three of this act.

18 S 3. Study of the use of synthetic turf. 1. The department of environ-  
19 mental conservation, in cooperation with the department of health, shall  
20 immediately undertake a review of all available data relating to the  
21 potential environmental and health risks and effects of synthetic turf,  
22 with particular attention to the crumb rubber content of such synthetic  
23 turf.

24 2. The commissioner of environmental conservation, or his or her  
25 designee, shall:

26 a. Solicit input from environmental and public health specialists, and  
27 other stakeholders in an open, public process;

28 b. Examine various routes of exposure and the health and environmental  
29 impact of these pathways including, but not limited to, small fill  
30 particle inhalation, volatility, leaching to groundwater, dermal absorp-  
31 tion, and persistence in the environment of original and degradation  
32 by-products;

33 c. Prepare a report to the governor and the legislature which includes  
34 research and studies conducted on synthetic turf which were the source  
35 of the report findings and recommendations for appropriate and inappro-  
36 priate use of synthetic turf, crumb rubber and waste tires. Such report  
37 shall be filed within six months of the effective date of this act,  
38 unless the commissioner of environmental conservation requests in writ-  
39 ing, an extension of time; and

40 d. Conduct an outreach program to inform local governments, private  
41 organizations, schools and the public regarding the findings of such  
42 report. If necessary, information on safe alternatives to synthetic turf  
43 in settings where this material is a potential or actual health risk  
44 should be disseminated to the public.

45 3. All other departments or agencies of the state or subdivisions  
46 thereof, and local governments shall, at the request of the commissioner  
47 of environmental conservation, provide expertise, assistance, and data  
48 that will enable such commissioner to carry out his or her powers and  
49 duties.

50 S 4. Section 8-0109 of the environmental conservation law is amended  
51 by adding a new subdivision 10 to read as follows:

52 10. NOTWITHSTANDING ANY LAW, RULE OR REGULATION TO THE CONTRARY, A  
53 SITE-SPECIFIC ENVIRONMENTAL IMPACT STATEMENT SHALL BE PREPARED FOR ANY  
54 ACTION THAT INCLUDES THE INSTALLATION OF SYNTHETIC TURF. FOR PURPOSES OF  
55 THIS SUBDIVISION, "SYNTHETIC TURF" MEANS ANY MATERIALS OR COMPOSITIONS  
56 THAT INCLUDE CRUMB RUBBER AS A COMPONENT USED IN PLACE OF GRASS TO

1 SURFACE PARKS, OUTDOOR PLAYING OR ATHLETIC FIELDS, INDOOR ATHLETIC  
2 FACILITIES OR OTHER VENUES. SUCH IMPACT STATEMENT SHALL INCLUDE THE  
3 POTENTIAL PUBLIC HEALTH RISKS FROM EXPOSURE TO SYNTHETIC TURF AND MAIN-  
4 TENANCE PRODUCTS, INCLUDING INHALATION IMPACT, VOLATILITY IMPACTS, AND  
5 IMPACT OF HAZARDOUS LEVELS OF CONSTITUENTS OF SYNTHETIC TURF. ENVIRON-  
6 MENTAL IMPACTS SHALL BE ASSESSED, INCLUDING MIGRATION OF CHEMICALS FROM  
7 THE SYNTHETIC TURF INTO AIR, WATER AND SOIL. SUCH STATEMENT SHALL MEET  
8 THE REQUIREMENTS OF THE MOST DETAILED ENVIRONMENTAL IMPACT STATEMENT  
9 REQUIRED BY THIS SECTION OR BY ANY SUCH RULE OR REGULATION PROMULGATED  
10 PURSUANT TO THIS SECTION.

11 S 5. Section 27-1901 of the environmental conservation law is amended  
12 by adding a new subdivision 2-a to read as follows:

13 2-A. "CRUMB RUBBER" MEANS GROUND RUBBER DERIVED FROM WASTE TIRES,  
14 WHICH CONTAIN ONE OR MORE OF THE FOLLOWING INGREDIENTS: ARSENIC, CADMI-  
15 UM, CHROMIUM, LEAD, VANADIUM, ZINC, AND ACETONE.

16 S 6. This act shall take effect immediately; (a) provided, however,  
17 that sections two and three of this act shall continue in full force and  
18 effect for six months from such effective date, or until the department  
19 of environmental conservation reports to the governor and the legisla-  
20 ture as required by section three of this act, whichever date is later,  
21 when upon such date the provisions of sections two and three of this act  
22 shall be deemed repealed; and

23 (b) provided that the commissioner of environmental conservation shall  
24 notify the legislative bill drafting commission upon filing the report  
25 required in section three of this act in order that the commission may  
26 maintain an accurate and timely effective data base of the official text  
27 of the laws of the state of New York in furtherance of effectuating the  
28 provisions of section 44 of the legislative law and section 70-b of the  
29 public officers law.