

# STATE OF NEW YORK

---

1548

2017-2018 Regular Sessions

## IN SENATE

January 10, 2017

---

Introduced by Sen. AVELLA -- read twice and ordered printed, and when printed to be committed to the Committee on Environmental Conservation

AN ACT to require a seismological impact study related to hydrofracking

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. The purpose of this legislation is to inform the people of  
2 the state of New York of any and all potential seismological impacts  
3 posed by the extraction of natural gas using horizontal drilling and  
4 high-volume hydraulic fracturing and to provide an analysis of those  
5 impacts. Such analysis and information shall help facilitate informed  
6 decisions regarding actions to be taken with respect to such activities  
7 in the state.

8 § 2. Pursuant to appropriation, a school of geological sciences within  
9 the state university of New York (hereinafter "the school of geological  
10 sciences") shall conduct a comprehensive seismological impact assessment  
11 to examine potential geophysical impacts that may be caused by the  
12 extraction of natural gas using horizontal drilling and high-volume  
13 hydraulic fracturing. For the purposes of this act, a "seismological  
14 impact assessment" shall mean a combination of procedures, methods, and  
15 tools by which a policy, program, or project may be judged as to its  
16 potential effects on the seismic activity in the surrounding area, and  
17 the potential impact in New York state.

18 § 3. Prior to the commencement of such assessment, the school of  
19 geological sciences conducting such assessment shall prepare a scoping  
20 document that will establish the parameters of the seismological impact  
21 assessment. The scoping document shall include the analyses required by  
22 this act, as well as any other analyses conducted, and shall be subject  
23 to public review, comment and revision.

24 § 4. Such seismological assessment of the extraction of natural gas  
25 using horizontal drilling and high-volume hydraulic fracturing shall  
26 include, at a minimum, the following analyses:

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

LBD00606-01-7

1 (a) Identification and assessment of the impact that high-volume  
2 hydraulic fracturing has on seismic activity in surrounding areas;

3 (b) Estimated costs of any seismological impacts to the state as a  
4 whole;

5 (c) Recommendations for any mitigation of potential seismic impacts  
6 and the methods and evidence used to arrive at such recommendations; and

7 (d) A long-term plan for monitoring, evaluating, tracking and mitigat-  
8 ing potential seismic impacts.

9 § 5. A draft of such seismological impact assessment shall be released  
10 for public review and comment. The school of geological sciences  
11 conducting such assessment shall conduct a minimum of two public hear-  
12 ings regarding the findings of the draft seismological impact assessment  
13 and allow at least one hundred eighty days for the public to submit  
14 comments. Upon the closing of the public comment period, such school of  
15 geological sciences shall categorize, review and respond to all public  
16 comments. If substantive changes to the seismological impact assessment  
17 are made as a result of public comments, such school of geological  
18 sciences shall issue a revised draft. Such revised draft shall similarly  
19 be subject to public comment and review, in compliance with the parame-  
20 ters set out for the initial draft.

21 § 6. After responding to all public comments as required by section  
22 five of this act, and upon completion of the seismological impact  
23 assessment, such school of geological sciences shall submit the  
24 completed seismological impact assessment to the department of environ-  
25 mental conservation. The department of environmental conservation shall  
26 make such seismological impact assessment available to the public and  
27 deliver copies to the legislature and the governor for review.

28 § 7. This act shall take effect immediately.