

1 section eight of this article shall include a cradle to grave
2 monitoring system of water withdrawal sites used in the drilling or
3 development of natural gas wells to the Marcellus shale geologic
4 formation. These sites shall be designated by the secretary. The
5 monitoring system shall, at a minimum, include the use of hydrants
6 with a backflow preventer to protect the state's streams and rivers
7 from contamination from truck waste water backflow.

8 (b) Each hydrant must have:

9 (1) A computerized electronic swipe card reader that
10 identifies the amount of water taken, when it was taken and by whom
11 it was taken and shall include a receipt or other notification of
12 the time the water was taken;

13 (2) A manual shutoff valve; and

14 (3) An automatic shutoff valve that is similar to a floatable
15 swing arm that will activate itself if the stream level reaches a
16 level that would be detrimental to stream aquatic life or the
17 stream's ecosystem.

18 (c) Each water truck must have an electronic G.P.S. device
19 that identifies where the truck is at all times along with a manual
20 log.

21 (d) The Department of Environmental Protection shall
22 promulgate rules to implement the monitoring system, including the
23 setting of hydrant connection fees.

NOTE: The purpose of this bill is to establish a cradle to grave monitoring system for withdrawals of water used in the drilling or development of natural wells to the Marcellus shale geologic formation. The bill requires the system to be part of the State Water Resources Plan. The bill requires the plan to incorporate the use of hydrants with a backflow preventer. The bill authorizing rulemaking and fee collection.

This section is new; therefore, it has been completely underscored.