
THE GENERAL ASSEMBLY OF PENNSYLVANIA

SENATE BILL

No. 387 Session of
2021

INTRODUCED BY SCHWANK, FONTANA, KEARNEY, TARTAGLIONE, COSTA,
COMITTA AND MUTH, MARCH 10, 2021

REFERRED TO ENVIRONMENTAL RESOURCES AND ENERGY, MARCH 10, 2021

AN ACT

1 Providing for the protection of water supplies.

2 The General Assembly of the Commonwealth of Pennsylvania
3 hereby enacts as follows:

4 Section 1. Short title.

5 This act shall be known and may be cited as the Pipeline
6 Impact Water Resource Protection Act.

7 Section 2. Definitions.

8 The following words and phrases when used in this act shall
9 have the meanings given to them in this section unless the
10 context clearly indicates otherwise:

11 "Board." The Environmental Quality Board established under
12 section 1920-A of the act of April 9, 1929 (P.L.177, No.175),
13 known as The Administrative Code of 1929.

14 "Common carrier." As the term is defined under 66 Pa.C.S. §
15 102 (relating to definitions).

16 "Department." The Department of Environmental Protection of
17 the Commonwealth.

1 "Natural gas." A fossil fuel consisting of a mixture of
2 hydrocarbon gases, primarily methane, which may include ethane,
3 propane, butane, pentane, carbon dioxide, oxygen, nitrogen and
4 hydrogen sulfide and other gas species. The term includes
5 natural gas from oil fields known as associated gas or casing
6 head gas, natural gas fields known as nonassociated gas, coal
7 beds, shale beds and other formations. The term does not include
8 coal bed methane.

9 "Operator." An operator or owner of a pipeline.

10 "Pipeline." Any of the following:

11 (1) A pipeline used for transporting or conveying
12 natural or artificial gas, crude oil, gasoline or petroleum
13 products for the public for compensation which is operated or
14 owned by a common carrier that is regulated by one or both of
15 the following:

16 (i) the Pennsylvania Public Utility Commission, as a
17 public utility, as the term is defined in paragraph (1)

18 (v) of the definition of public utility under 66 Pa.C.S.

19 § 102; or

20 (ii) the Federal Government under the Interstate
21 Commerce Act of 1887 (49 U.S.C. § 10101 et seq.).

22 (2) A pipeline subject to regulation under the act of
23 December 22, 2011 (P.L.586, No.127), known as the Gas and
24 Hazardous Liquids Pipelines Act.

25 "Pipeline construction." The term includes the use of
26 horizontal directional drilling technology and the use of trench
27 or ditch techniques.

28 "Water purveyor." Any of the following:

29 (1) The owner or operator of a public water system as
30 defined under section 3 of the act of May 1, 1984 (P.L.206,

1 No.43), known as the Pennsylvania Safe Drinking Water Act.

2 (2) A person subject to the act of June 24, 1939

3 (P.L.842, No.365), referred to as the Water Rights Law.

4 Section 3. Protection of water supplies.

5 (a) Restoration or replacement.--An operator that affects a
6 public or private water supply by pollution or diminution during
7 pipeline construction shall restore or replace the affected
8 supply with an alternate source of water adequate in quantity or
9 quality for the purposes served by the supply.

10 (b) Duties of department.--The department shall ensure that
11 the quality of a restored or replaced water supply meets the
12 standards established under the act of May 1, 1984 (P.L.206,
13 No.43), known as the Pennsylvania Safe Drinking Water Act, or is
14 comparable to the quality of the water supply before it was
15 affected by the operator if the water supply exceeded those
16 standards. The board shall promulgate regulations necessary to
17 meet the requirements of this section.

18 Section 4. Pollution or diminution of water supply.

19 (a) Notification and request.--A landowner or water purveyor
20 affected by pollution or diminution of a water supply during
21 pipeline construction may notify the department of the pollution
22 and request that an investigation be conducted. The department
23 shall notify the operator of the investigation.

24 (b) Investigation.--Within 10 days of notification, the
25 department shall investigate the claim and make a determination
26 within 45 days following notification.

27 (c) Findings.--If the department finds that the pollution or
28 diminution was caused by the pipeline construction or if the
29 department presumes the operator responsible for pollution under
30 section 5, the department shall issue orders to the operator

1 necessary to ensure compliance with section 3(a), including
2 orders requiring temporary replacement of a water supply if it
3 is determined that pollution or diminution may be of limited
4 duration.

5 Section 5. Presumption of liability.

6 Unless rebutted by a defense established under section 7, it
7 shall be presumed that an operator is responsible for pollution
8 or diminution of a water supply if:

9 (1) the water supply is within 2,500 feet of a pipeline;

10 and

11 (2) the pollution or diminution occurred within 12
12 months after completion of the pipeline construction.

13 Section 6. Temporary water supply.

14 If the affected water supply is within 2,500 feet of a
15 pipeline and the rebuttable presumption applies, the operator
16 shall provide a temporary water supply if the water user is
17 without a readily available alternative source of water. The
18 temporary water supply provided under this subsection shall be
19 adequate in quantity and quality for the purposes served by the
20 supply.

21 Section 7. Defenses.

22 To rebut the presumption established under section 5, an
23 operator must affirmatively prove one of the following:

24 (1) the pollution existed prior to the pipeline
25 construction as determined by a preconstruction survey;

26 (2) the landowner or water purveyor refused to allow the
27 operator access to conduct a preconstruction survey;

28 (3) the water supply is not within 2,500 feet of the
29 pipeline;

30 (4) the pollution or diminution occurred more than 12

1 months after completion of the pipeline construction; or
2 (5) the pollution or diminution occurred as the result
3 of a cause other than the pipeline construction.

4 Section 8. Preconstruction survey.

5 (a) Requirement.--An operator electing to preserve a defense
6 under section 7(1) shall retain an independent certified
7 laboratory to conduct a preconstruction survey of the water
8 supply. For the purposes of this subsection, the term "survey"
9 means all of the water supply samples associated with a single
10 private or public water supply taken before pipeline
11 construction.

12 (b) Preconstruction survey.--A person that wishes to
13 document the quality of a water supply to support a future claim
14 that the drilling or alteration of the well affected the water
15 supply by pollution may conduct a preconstruction survey in
16 accordance with this section.

17 (c) Independent Pennsylvania-accredited laboratory.--The
18 survey shall be conducted by an independent Pennsylvania-
19 accredited laboratory. A person that is not the operator or an
20 employee of the independent Pennsylvania-accredited laboratory
21 may collect the sample and document the condition of the water
22 supply if the laboratory affirms that the sampling and
23 documentation is performed in accordance with the laboratory's
24 approved sample collection, preservation and handling procedure
25 and chain of custody.

26 (d) Sample results.--An operator electing to preserve a
27 defense under section 7 shall provide a report containing a copy
28 of all sample results taken as part of the survey to the
29 department within 10 business days of receipt of the results.
30 The operator shall provide a copy of any sample results to the

1 landowner or water purveyor within 10 business days of receipt
2 of the sample results. Survey sample results not received by the
3 department within 10 business days may not be used to preserve
4 the operator's defenses under section 7.

5 (e) Report.--A report containing the survey sample results
6 must contain the following information:

7 (1) The location of the water supply and the name of the
8 landowner or water purveyor.

9 (2) The date of the survey.

10 (3) The name of the independent Pennsylvania-accredited
11 laboratory performing the survey.

12 (4) The individual who conducted the survey.

13 (5) A description of where and how the samples were
14 collected.

15 (6) A description of the type and age, if known, of the
16 water supply and, if any, treatment.

17 (7) The name of the well operator, name and number of
18 the well to be drilled and the permit number, if known.

19 (8) The results of the laboratory analysis.

20 (9) A measurement of the quantity of water produced from
21 the water source prior to pipeline construction.

22 Section 9. Notice.

23 (a) Written notice required.--

24 (1) An operator must provide written notice to the
25 landowner or water purveyor indicating that the presumption
26 established under section 5 may be void if the landowner or
27 water purveyor refused to allow the operator access to
28 conduct a preconstruction survey. Proof of written notice to
29 the landowner or water purveyor must be provided to the
30 department for the operator to preserve the defenses under

1 section 7. Proof of written notice to a landowner or water
2 purveyor shall be presumed if provided in accordance with
3 paragraph (2).

4 (2) A well operator that wishes to preserve the defense
5 under section 7(2) must issue a notice to the landowner or
6 water purveyor by certified mail. The notice must include the
7 following:

8 (i) The operator's intention to drill or alter a
9 well.

10 (ii) The operator's desire to conduct a
11 preconstruction survey.

12 (iii) The name of the person who requested and was
13 refused access to conduct the survey and the date of the
14 request and refusal.

15 (iv) The name and address of the well operator.

16 (v) The address of the department should the
17 landowner or water purveyor wish to respond.

18 (b) Presumption.--Receipt of notice by a landowner or water
19 purveyor under subsection (a) shall be presumed to have occurred
20 15 days from the date of the certified mailing if the operator
21 submits a copy of the certified mail receipt sent to the
22 landowner or water purveyor and an affidavit certifying that the
23 address to which notice was sent is the same as the address
24 listed in the assessment books in the county where the property
25 is located.

26 Section 10. Other remedies preserved.

27 Nothing in this act shall be construed to prevent a landowner
28 or water purveyor claiming pollution or diminution of a water
29 supply from seeking any other remedy at law or in equity.

30 Section 11. Regulations.

1 (a) Duties of board.--In order to facilitate the prompt
2 implementation of this act, the board shall have the authority
3 to promulgate temporary regulations which shall expire not later
4 than two years following the publication of the temporary
5 regulation in the Pennsylvania Bulletin and on the board's
6 publicly accessible Internet website.

7 (b) Temporary regulations.--The board may promulgate
8 temporary regulations not subject to:

9 (1) Sections 201, 202, 203, 204 and 205 of the act of
10 July 31, 1968 (P.L.769, No.240), referred to as the
11 Commonwealth Documents Law.

12 (2) Section 204(b) of the act of October 15, 1980
13 (P.L.950, No.164), known as the Commonwealth Attorneys Act.

14 (3) The act of June 25, 1982 (P.L.633, No.181), known as
15 the Regulatory Review Act.

16 (c) Publication.--The board shall begin publishing temporary
17 regulations within 45 days of the effective date of this
18 subsection.

19 (d) Expiration.--The board's authority to adopt temporary
20 regulations under subsection (b) shall expire two years after
21 publication of the temporary regulations. Regulations adopted
22 after this period shall be promulgated as provided by law.

23 Section 12. Effective date.

24 This act shall take effect in 60 days.