

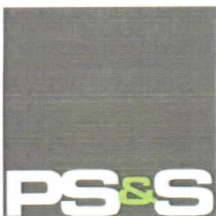


PennEast Pipeline Company, LLC

PENNEAST PIPELINE PROJECT

*Multi-Permit Application
for
Freshwater Wetlands Individual Permit
Special Activity Transition Area Waiver
Letter of Interpretation
Water Quality Certificate
Flood Hazard Area Individual Permit
Flood Hazard Hardship Exception Request
Flood Hazard Area Verification*

ATTACHMENT G-1 – Environmental Report



*Submitted to:
New Jersey Department of Environmental Protection
Division of Land Use Regulation*

August 2019

1.0 ENVIRONMENTAL REPORT

PennEast Pipeline Company, LLC (PennEast) has prepared this Environmental Report for the proposed PennEast Pipeline Project (Project) pursuant to the requirements of the Freshwater Wetlands Protection Act (N.J.S.A. 13:9B) (FWPA) and the Flood Hazard Area Control Act (N.J.S.A. 58:16A-50) (FHACA). This Attachment combines the requirements for an Environmental Report pursuant to N.J.A.C. 7:7A-16.9(b)4 of the FWPA Rules (N.J.A.C. 7:7A) and N.J.A.C. 7:13-18.6 of the FHACA Rules (N.J.A.C. 7:13). In light of the comprehensive nature of this Multi-Permit application, as well as its sheer volume of information, Tables 1.1-1 through 1.1-4, below, cross-reference other sections and attachments of this Multi-Permit Application that include details of the required information. Table 1.1-1 summarizes the Environmental Report requirements of the:

- FWPA Rules (N.J.A.C. 7:7A);
- FHACA Rules (N.J.A.C. 7:13);
- FWPA Rules Application Checklist - Individual Freshwater Wetlands or Open Water Fill Permit (April 15, 2019);
- Freshwater Wetlands Application Checklist - Transition Area Waiver - Special Activity Waiver (April 15, 2019); and
- Flood Hazard Area Application Checklist - Individual Permit (April 15, 2019).

The specific requirements of these rules and checklists along with the location where this information is provided in this Multi-Permit Application is detailed in Table 1.1-1.

Table 1.1-1 Freshwater Wetlands Environmental Report Requirements		
N.J.A.C. or Checklist Citation	Requirement	Location in Multi-Permit Application
Freshwater Wetlands Protection Act Rules (N.J.A.C. 7:7A)		
7:7A-16.9(b)4.i.	A narrative that describes the basic project purpose of the proposed activity, including whether it is water dependent;	Environmental Report, Section 2
7:7A-16.9(b)4.ii.	Maps (such as freshwater wetlands maps and USDA soil surveys) that provide an environmental inventory of the site;	Application Attachment I
7:7A-16.9(b)4.iii.	Information regarding special aquatic sites, public lands, critical habitat, and other relevant environmental features of the site;	Environmental Report, Section 5 Application Attachment F Application Attachment G-2 Application Attachment J
7:7A-16.9(b)4.iv.	An analysis of any potential temporary and/or permanent adverse environmental impact(s), whether onsite or offsite, of the proposed regulated activity or project on freshwater wetlands, State open waters, transition areas, fishery resources, and threatened or endangered species and their habitat.	Environmental Report, Section 5 Application Attachment E Application Attachment G-2 Application Attachment G-3 Application Attachment J Application Attachment N
7:7A-16.9(b)4.v.	An alternatives analysis that allows the Department to evaluate whether the requirements of N.J.A.C. 7:7A-10.2 are met, including the following: (1) A description of all alternatives considered, including offsite alternatives, as well as onsite alternatives that could	Application Attachment K

**Table 1.1-1
Freshwater Wetlands Environmental Report Requirements**

N.J.A.C. or Checklist Citation	Requirement	Location in Multi-Permit Application
	minimize environmental impacts on the site, and the reasons for rejecting each alternative;	
7:7A-16.9(b)4.v.	(2) Information regarding the history of the property as a whole, as necessary to evaluate the cost to the property owner of various alternatives. Such information may include: A. Document(s) showing when the property as a whole was acquired and its purchase price; B. Documentation of any investments made to maintain and/or develop the property as a whole; C. Documentation of attempts by the property owner to sell the property or to obtain other property; and	Application Attachment H
7:7A-16.9(b)4.vi.	A description of all measures taken to reduce any potential adverse environmental impact(s) to the resources listed at (b)4iv above.	Environmental Report, Sections 4 and 5 Application Attachment K Application Attachment N
Freshwater Wetlands Protection Act Rules Application Checklist - Individual Freshwater Wetlands or Open Water Fill Permit (April 15, 2019)		
7.i.	A narrative describing: A. The purpose and intended use of the proposed project; B. The proposed activities involved in completing the project; C. A schedule for the progress and completion of the proposed project; D. The total area of freshwater wetlands and/or state open waters on the site; E. The total area of freshwater wetlands and/or State open waters proposed to be disturbed; F. A statement indicating whether the proposed project is a "water dependent activity", as defined at N.J.A.C. 7:7A-1.3;	Environmental Report, Sections 2 and 3 Application Attachment E Attachment G-2
7.ii.	A copy of the deed and/or other legal documents pertaining to the site;	Application Attachment H
7.iii.	Maps, such as freshwater wetlands maps and USDA soil surveys, that provide an environmental inventory of the site;	Application Attachment I
7.iv.	Information regarding special aquatic sites, public lands, critical habitat, and other relevant environmental features of the site;	Environmental Report, Section 5 Application Attachment F Application Attachment G-2 Application Attachment J
7.v.	An analysis of any potential temporary and/or permanent adverse environmental impact(s), whether onsite or offsite, of the proposed regulated activity or project on freshwater wetlands, State open waters, transition areas, fishery resources, and threatened or endangered species and their habitat, including any monitoring or reporting methods that will be used;	Environmental Report, Section 5 Application Attachment E Application Attachment G-2 Application Attachment G-3 Application Attachment J Application Attachment N
7.vi.	If a site is known or suspected to be contaminated with toxic substances, and if the Department requests it, a laboratory analysis of representative samples of the soil or sediment on the site;	Application Attachment G-2

**Table 1.1-1
Freshwater Wetlands Environmental Report Requirements**

N.J.A.C. or Checklist Citation	Requirement	Location in Multi-Permit Application
7.vii. A.	An alternatives analysis demonstrating compliance with N.J.A.C. 7:7A-10.2 that includes: A description of all alternatives considered, including offsite alternatives as well as onsite alternatives that could minimize environmental impacts on the site, and the reasons for rejecting each alternative;	Application Attachment K
7.vii.B.	Information regarding the history of the property as a whole, as necessary to evaluate the cost to the property owner of various alternatives. Such information may include: <ul style="list-style-type: none"> • Document(s) showing when the property as a whole, as defined at N.J.A.C. 7:7A-1.3, was acquired and its purchase price; • Documentation of any investments made to maintain and/or develop the property as a whole; • Documentation of attempts by the property owner to sell the property or to obtain other property; and 	Application Attachment H
7.vii.C.	Description of all measures taken to reduce any potential adverse environmental impacts to the resources described under item iv above.	Environmental Report, Sections 4 and 5 Application Attachment K Application Attachment N
7.viii.	If the site is located in a municipality with the endangered plant known as swamp pink (<i>Helonias bullata</i>), which are listed in Known Locations of Swamp Pink in NJ, a signed statement from the applicant certifying that the proposed activities will not result in any direct or indirect adverse impacts to swamp pink or its documented habitat;	Application Attachment J-1
7.ix.	If the site is located in a municipality with the endangered bog turtle (these municipalities are listed in Known Locations of Bog Turtles in NJ), a signed statement from the applicant, certifying that the proposed activities will not result in any direct or indirect adverse impacts to bog turtles or to their documented habitat; and	Application Attachment J-2
7.x.	If the site is located in an area designated a Wild and Scenic River, or under study for such designation, a letter from the National Park Service approving the proposed activities.	Application Attachment L
Freshwater Wetlands Application Checklist - Transition Area Waiver - Special Activity Waiver (April 15, 2019)		
7.i.	For a special activity transition area waiver for stormwater management under N.J.A.C. 7:7A-8.3(d), a written alternatives analysis that satisfies the requirements of N.J.A.C. 7:7A-8.3(c) and (d). The alternatives analysis must list the possible alternatives and explain why each was rejected;	Not Applicable
7.ii.	For a special activity transition area waiver for linear development under N.J.A.C. 7:7A-8.3(e), a written alternatives analysis that satisfies the requirements of N.J.A.C. 7:7A-8.3(c) and (e). The alternatives analysis must list the possible alternatives and explain why each was rejected;	Application Attachment K
7.iii.	For a special activity transition area waiver for a project that would be eligible for an individual freshwater wetlands permit under N.J.A.C. 7:7A-8.3(g), the information required for an individual	Multi-Permit Application

**Table 1.1-1
Freshwater Wetlands Environmental Report Requirements**

N.J.A.C. or Checklist Citation	Requirement	Location in Multi-Permit Application
	freshwater wetlands permit application at N.J.A.C. 7:7A-16.9 and the appropriate application checklist;	
7.iv.	If the site is located in a municipality with the endangered plant known as swamp pink (<i>Helonias bullata</i>), which are listed in Known Locations of Swamp Pink in NJ, a signed statement from the applicant certifying that the proposed activities will not result in any direct or indirect adverse impacts to swamp pink or its documented habitat;	Application Attachment J-1
7.v.	If the site is located in a municipality with the endangered bog turtle (these municipalities are listed in Known Locations of Bog Turtles in NJ), a signed statement from the applicant, certifying that the proposed activities will not result in any direct or indirect adverse impacts to bog turtles or to their documented habitat;	Application Attachment J-2
7.vi.	If the site is located in an area designated a Wild and Scenic River, or under study for such designation, a letter from the National Park Service approving the proposed activities;	Application Attachment L
7.vii.	If the application reflects any of the characteristics at N.J.A.C. 7:7A-19.5(l), a Phase IA historical and archaeological survey, and an architectural survey, defined at N.J.A.C. 7:7A-1.3; and	Application Attachment O
7.viii.	A copy of the deed and/or other legal documents pertaining to the site.	Application Attachment H

Table 1.1-2 Flood Hazard Area Environmental Report Requirements		
N.J.A.C. or Checklist Citation	Requirement	Location in Multi-Permit Application
Flood Hazard Area Control Act Rules (N.J.A.C. 7:13)		
7:13-18.6(a)1.	A narrative that describes the proposed design and the construction techniques that will be used;	Environmental Report, Section 3
7:13-18.6(a)2.	Maps (such as freshwater wetlands maps and USDA soil surveys) that provide an environmental inventory of the site;	Application Attachment I
7:13-18.6(a)3.	An analysis of any potential temporary and/or permanent adverse environmental impact(s), whether onsite or offsite, of the proposed regulated activity or project on regulated waters, channels, riparian zones, fishery resources, and threatened or endangered species and their habitat. The analysis shall include:	Environmental Report, Section 5 Application Attachment E Application Attachment G-2 Application Attachment G-3 Application Attachment J Application Attachment N
7:13-18.6(a)3.i.	A justification for the proposed regulated activity or project, including an explanation of why any proposed regulated activity or project and its location is the most appropriate for the site, and how the proposed location and design minimizes adverse environmental impact(s) to the resources identified in (a)3 above;	Environmental Report, Sections 2, 4 and 5 Application Attachment G-2 Application Attachment G-3 Application Attachment K
7:13-18.6(a)3.ii.	An analysis of alternatives to the proposed regulated activity or project, including a no-build alternative;	Application Attachment K
7:13-18.6(a)3.iii.	A description of all measures to be taken to reduce any potential adverse environmental impact(s) to the resources listed at (a)3 above; and	Environmental Report, Sections 4 and 5 Application Attachment J Application Attachment K Application Attachment N
7:13-18.6(a)3.iv.	A plan to mitigate the effects of all adverse environmental impacts.	Application Attachment N
7:13-18.6(b)	Where a survey for threatened or endangered species and their habitat under N.J.A.C. 7:13-11.6(e) is required, the survey shall be performed by a person with education and experience in wildlife biology, zoology, and/or botany, as appropriate, and shall include certain information as specified in the rule.	Application Attachment J-1
Flood Hazard Area Application Checklist - Individual Permit (April 15, 2019)		
8.i.	A narrative describing the proposed design and the construction techniques that will be used;	Environmental Report, Section 3
8.ii.	The following maps: A. Maps that provide an environmental inventory of the site such as the freshwater wetlands maps and the USDA soil survey; and B. A copy of a Department flood hazard area map or FEMA flood insurance rate map with the site clearly outlined to scale, if such mapping exists.	Application Attachment I
8.iii.	For projects proposing disturbance to the riparian zone, include a chart which details the proposed regulated activity, the maximum allowable area of vegetation disturbance as set forth in N.J.A.C. 7:13-11, the proposed areas of disturbance, whether the disturbance is temporary or permanent, the amount of mitigation required, and the amount of mitigation proposed. Provide total area for riparian zone disturbance (permanent & temporary) and mitigation required and proposed. Disturbance and mitigation amounts should be provided in square feet and acres; and	Application Attachment E