

310 CMR 10.99

Form 3



Commonwealth of Massachusetts



DEP File No.

[Redacted box]

(To be provided by DEP)

City/Town

Seekonk

Applicant

Algonquin Gas Transmission Co.

Notice of Intent Under the Massachusetts Wetlands Protection Act, G.L. c. 131, §40 and Application for a Department of the Army Permit

Part I: General Information The proposed pipeline project begins west of Meadow Road and terminates at the Massachusetts-Rhode Island State boundary

1. Location: Street Address line located north of Route 44. Lot Number

Natural gas pipe-

2. Project: Type line installation Description This project involves the construction of a 1.6 mile, 24 inch natural gas pipeline. The pipeline will be installed within and adjacent to an existing right-of-way beginning at Meadow Road and terminating at the Massachusetts-Rhode Island State boundary line located north of Route 44. The existing right-of-way will be expanded approximately 15 feet to accommodate the proposed pipeline. The project will also include a cathodic protection system with sacrificial anodes to protect the pipeline against corrosion.

3. Registry: County Bristol Current Book see attached list & Page

Certificate (If Registered Land)

4. Applicant Timothy C. O'Brien, Algonquin Gas Transmission Co. Tel. (617) 254-4050

Address 1284 Soldiers Field Road, Boston, Massachusetts

5. Property Owner See attached list Tel.

Address

6. Representative Michael Tyrrell, HMM Associates, Inc. Tel. (508) 371-4000

Address 196 Baker Avenue, Concord, Massachusetts 01742

7. a. Have the Conservation Commission and the Department's Regional Office each been sent, by certified mail or hand delivery, 2 copies of completed Notice of Intent, with supporting plans and documents? Yes [X] No []

b. Has the fee been submitted? [X] Yes [] No

c. Total Filing Fee Submitted \$500.00

d. City/Town Share of Filing Fee \$262.50 State Share of Filing Fee \$237.50 (1/2 of fee in excess of \$25, sent to DEP)

e. Is a brief statement attached indicating how the applicant calculated the fee? [X] Yes [] No

Part II: Site Description

Indicate which of the following information has been provided (on a plan, in narrative description or calculations) to clearly, completely and accurately describe existing site conditions.

Identifying
Number/Letter
(of plan, narrative
or calculations)

Natural Features:

- A, C Soils
- A Vegetation
- A, F Topography
- Open water bodies (including ponds and lakes)
- A, F Flowing water bodies (including streams and rivers)
- Public and private surface water and ground water supplies on or within 100 feet of site
- Maximum annual ground water elevations with dates and location of test
- A, F Boundaries of resource areas checked under Part I, item 11 above
- Other

Man-made Features:

- Structures (such as buildings, piers, towers and headwalls)
- A, F Drainage and flood control facilities at the site and immediately off the site, including culverts and open channels (with inverts), dams and dikes
- Subsurface sewage disposal systems
- A, F Underground utilities
- A, F Roadways and parking areas
- A, F Property boundaries, easements and rights-of-way
- Other

Part III: Work Description

Indicate which of the following information has been provided (on a plan, in narrative description or calculations) to clearly, completely and accurately describe work proposed within each of the resource areas checked in Part I, item 11 above.

Identifying
Number/Letter
(of plan, narrative
or calculations)

Plan View and Cross Section of:

- F Structures (such as buildings, piers, towers and headwalls)
- B, D, F Drainage and flood control facilities, including culverts and open channels (with inverts), dams and dikes
- A, B, F Subsurface sewage disposal systems & underground utilities
- B, F Filling, dredging and excavating, indicating volume and composition of material
- Compensatory storage areas, where required in accordance with Part III, Section 10:57 (4) of the regulations
- B, D, F Wildlife habitat restoration or replication areas
- Other
- Point Source Discharge
- Description of characteristics of discharge from point source (both closed and open channel), when point of discharge falls within resource area checked under Part I, item 11 above, as supported by standard engineering calculations, data and plans, including but not limited to the following:

1. Delineation of the drainage area contributing to the point of discharge;
2. Pre- and post-development peak run-off from the drainage area, at the point of discharge, for at least the 10-year and 100-year frequency storm;
3. Pre- and post-development rate of infiltration contributing to the resource area checked under Part I, item 11 above;
4. Estimated water quality characteristics of pre- and post-development run-off at the point of discharge.

Part IV: Mitigating Measures

1. Clearly, completely and accurately describe, with reference to supporting plans and calculations where necessary:
 - (a) All measures and designs proposed to meet the performance standards set forth under each resource area specified in Part II or Part III of the regulations; or
 - (b) why the presumptions set forth under each resource area specified in Part II or Part III of the regulations do not apply.

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland	Resource Area Type: BANK	Identifying number or letter of support documents
The proposed project will involve the crossing of a portion of the Runnins River and an unnamed intermittent stream system. Approximately 80 linear feet of bank associated with the Runnins River and 40 linear feet of bank associated with the intermittent stream will be temporarily impacted by the installation of the proposed pipeline. Construction is planned for the period of seasonal low flow to minimize resource area impacts. These disturbed areas will be restored as quickly as possible. Care will be taken to maintain the stability of the bank. Detailed erosion control measures are outlined in Attachments B and D.		A, B, C, D, F

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland	Resource Area Type: BORDERING VEGETATED WETLAND (BVW)	Identifying number or letter of support documents
Construction of the pipeline will involve two crossings associated with wetland areas. Approximately 2.7 acres of bordering vegetated wetland associated with the Runnins River and 0.2 acres of BVW associated with the intermittent stream will be impacted during construction. Of this total, 1.7 acres of BVW associated with the Runnins River and 0.1 acres of BVW associated with the intermittent stream will be allowed to revegetate to pre-existing conditions, while the remaining areas will be revegetated with marsh species and maintained free of mature woody vegetation. The majority of work will utilize the existing right-of-way to the extent possible, thereby minimizing changes in the existing vegetative structure. Detailed erosion and sediment control measures as outlined in Attachments B and D will be implemented during construction to ensure protection of the resource areas.		A, B, D, F

10.99: continued

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland Resource Area Type: LAND UNDER WATER	Identifying number or letter of support documents
<p>The proposed project will involve the crossing of a portion of the Runnins River and an unnamed intermittent stream system. Approximately 920 square feet of land under a waterway associated with the Runnins River will be temporarily impacted during construction of the pipeline. Under current MWPA Regulations, intermittent stream channels are not presumed to contain this resource area. Therefore no impacts to land under water were assessed for the intermittent stream. After construction, the stream bed will be restored to its previous grade as quickly as possible. Construction is planned for the period of seasonal low flow to minimize resource area impacts. Proper erosion and sediment control measures which will be implemented during the crossing are detailed in Attachments B and D.</p>	A, B, C, D, F

2. Clearly, completely and accurately describe, with reference to supporting plans and calculations where necessary:
- (a) all measures and designs to regulate work within the Buffer Zone so as to ensure that said work does not alter an area specified in Part I, Section 10.02(1) (a) of these regulations; or
 - (b) if work in the Buffer Zone will alter such an area, all measures and designs proposed to meet the performance standards established for the adjacent resource area specified in Part II or Part III of these regulations.

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland Resource Area Type Bordered By 100-Foot Discretionary Zone: BORDERING VEGETATED WETLAND	Identifying number or letter of support documents
<p>Work within the 100-foot buffer zone will be limited to temporary disturbance associated with construction of the line. The majority of work will utilize the existing right-of-way to the extent possible, minimizing changes in the existing vegetative structure. Disturbance within the temporary work space will be short-term, and it will be allowed to revegetate to pre-existing conditions. The remaining buffer zone will be allowed to revegetate with grasses and small shrubs, thus, no long-term impacts are anticipated. Appropriate erosion and sediment control measures, as outlined in Attachments B and D, will be implemented as necessary to ensure protection of the resource areas.</p>	A, B, D, F

Part V: Additional Information for a Department of the Army Permit

1. COE Application No. _____ 2. _____
(to be provided by COE) (Name of waterway)

3. Names and addresses of property owners adjoining your property:

See Attachment E

- 4. Document other project alternatives (i.e., other locations and/or construction methods, particularly those that would eliminate the discharge of dredged or fill material into waters or wetlands).
- 5. 8 1/2" x 11" drawings in planview and cross-section, showing the resource area and the proposed activity within the resource area. Drawings must be to scale and should be clear enough for photocopying.

Certification is required from the Division of Water Pollution Control before the Federal permit can be issued. Certification may be obtained by contacting the Division of Water Pollution Control, 1 Winter Street, Boston, Massachusetts 02108.

Where the activity will take place within the area under the Massachusetts approved Coastal Zone Management Program, the applicant certifies that his proposed activity complies with and will be conducted in a manner that is consistent with the approved program.

Information provided will be used in evaluating the application for a permit and is made a matter of public record through issuance of a public notice. Disclosure of this information is voluntary, however, if necessary information is not provided, the application cannot be processed nor can a permit be issued.

I hereby certify under the pains and penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents and supporting data are true and complete, to the best of my knowledge.

Richard C. O'Brien 3-13-90
 Signature of Applicant Date

Michael Tom 3-13-90
 Signature of Applicant's Representative Date

FORM 100 (TEST)
1 MAY 82

"Exception to ENG Form 4346 approved by HQUSACE, 6 May 1982"

This document contains a joint Department of the Army and State of Massachusetts application for a permit to obtain permission to perform activities in United States waters. The Office of Management and Budget (OMB) has approved those questions required by the US Army Corps of Engineers. OMB Number 0702-0036 and expiration date of 30 September 1983 applies. This statement will be set in 8 point type.

NON-TEXT PAGE