

**Tennessee Gas Pipeline Company**

**Docket No. SEC 2008-\_\_\_\_\_**

**Application of Tennessee Gas Pipeline Company  
For a Certificate of Site and Facility  
For the Concord Lateral Expansion Project**

**EXHIBIT E**

**Application for Individual Sewage Disposal System Approval**



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Subsurface Systems Bureau
29 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3501 FAX 603-271-6683
TDD Access: Relay NH 1-800-735-2964



APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM APPROVAL

FOR OFFICE USE ONLY

FEE \$150.00

Fee Paid \_\_\_\_\_ Date Received \_\_\_\_\_

Failed System/Replacement \_\_\_\_\_ Expedite \_\_\_\_\_

Check No. \_\_\_\_\_

Waiver Request \_\_\_\_\_ Holding Tank \_\_\_\_\_

PLEASE PRINT OR WRITE LEGIBLY, COMPLETE ENTIRE FORM

1. System Location:

CITY/TOWN: Pelham

CITY/TOWN APPROVAL OBTAINED: Yes IF YES/DATE

STREET/LOCATION Off of Industrial Park Drive

LOT NO: 111

TAX MAP NO: sheet 1 Map 5

SUBDIVISION NAME: Ind. Park Drive & Clement

REGISTRY BOOK NO. 7881

PAGE NO: 1940

STATE APPROVAL NO. Over 5 Acres

COUNTY: Hillsboro PROBATE NO. (If Applicable)

2. Water Supply:

MUNICIPAL WATER SUPPLY [checked] COMMUNITY \_\_\_\_\_ WELL ON LOT \_\_\_\_\_ OTHER \_\_\_\_\_

3. Lot OWNER'S Name: Tennessee Gas Pipeline Co.

STREET: 1001 LOUISIANA AVE, Rm. 34

CITY/TOWN: HOUSTON

STATE: TX

ZIP: 77002

TEL. NO: \_\_\_\_\_

4. APPLICANT'S Name: RCS Designs/Llyod S. Vose

STREET: PO Box 487

CITY/TOWN: Bradford

STATE: NH

ZIP: 03221

TEL. NO: 603-938-2256

Designer's Name: Lloyd S. Vose

Permit No: 1519

P.E.: \_\_\_\_\_

(P.E. required if more than 2,500 GPD)

5. Amended Plan \_\_\_\_\_ Revised Plan \_\_\_\_\_ Previous Construction Approval No. \_\_\_\_\_

THE STATEMENT BELOW MUST BE SIGNED AND DATED BY THE APPLICANT AND OWNER[S]

Owner(s):

THE UNDERSIGNED CERTIFY THAT THEY ARE THE PRESENT OWNERS OF THE PROPERTY BEING APPLIED FOR AND THAT THEY HAVE SEEN THE PLANS AND THEY ARE IN ACCORDANCE WITH THEIR NEEDS AND DESIRES. THE UNDERSIGNED FULLY UNDERSTANDS THAT SHOULD THIS PLAN BE APPROVED, NO WAIVERS TO THE CONSTRUCTION APPROVAL WILL BE ALLOWED. ANY CHANGES WILL REQUIRE A NEW SUBMISSION (WITH FEE), REVIEW AND APPROVAL.

Date: 04/17/2008

Signed: [Signature] Owner(s)

AGENT AND ATTORNEY IN FACT.

Applicant:

To the best of my knowledge, the data and information which I have submitted to obtain approval for construction from the New Hampshire Department of Environmental Services is true and correct. I understand that an approval based upon incorrect data may be subject to revocation. I also understand that NO CONSTRUCTION OF ANY STRUCTURE SERVICED BY THE PROPOSED SYSTEM, NOR THE SYSTEM ITSELF, MAY COMMENCE WITHOUT PRIOR WRITTEN DEPARTMENT APPROVAL. I HAVE COMPLIED WITH ALL LOCAL REGULATIONS OR ORDINANCES RELATIVE TO CONSTRUCTION OF SEWAGE DISPOSAL SYSTEMS AND HAVE OBTAINED ALL OTHER APPROVALS THAT MAY BE REQUIRED FOR OTHER WORK RELATED TO CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM. The applicant herewith certifies, where applicable, that the approved off-site, municipal or community, water supply is available at the lot line.

Date: 04/17/2008

Signed: \_\_\_\_\_ Applicant

Permit No. \_\_\_\_\_

Shoreland Protection Certification

Introduction

The New Hampshire Shoreland Protection Act (RSA 483-B) requires that applicants for environmental permits which involve work in the protected shoreland "demonstrate to the satisfaction of the department (of environmental services) that the proposal meets or exceeds the development standards of this chapter." The certification contained herein is an acceptable vehicle for such a demonstration.

The protected shoreland is defined to be all land located within 250 feet of a reference line. The reference line means:

- (a) For natural fresh water bodies without artificial impoundments, the natural mean high water level as determined by the Department of Environmental Services.
(b) For artificially impounded fresh water bodies with established flowage rights, the limit of the flowage rights, and for water bodies without established flowage rights, the waterline at full pond as determined by the elevation of the spillway crest.
(c) For coastal waters, the highest observable tide line, which means a line defining the furthest landward limit of tidal flow, not including storm events, which can be recognized by indicators such as the presence of a strand line of flotsam and debris, the land ward margin of salt tolerant vegetation, or a physical barrier that blocks further flow of the tide.
rivers, the ordinary high water mark.

In a case of rivers, the law applies to all fourth order or higher streams of the state with the exception of rivers or river segments designated for management and protection under RSA 483 prior to January 1, 1993. Lists of fourth order and higher streams and river segments designated under RSA 483 are available at no cost from the Department of Environmental Services.

## Statement of Compliance

- 1) Will the project for which a permit is hereby requested involve construction, land clearing, or other development within the protected shoreland as defined above?  
Answer yes or no. Answer Yes
- 2) If the project involves construction, land clearing, or other development within the protected shoreland, will it meet or exceed the development standards of RSA 483-B? Answer yes, or not applicable. Answer Yes

If not applicable, state why See #1

(Note, the development standards are not applicable in only three situations: (1) the project is not located in the protected shoreland, (2) the activities are exempted under section 483-B:9.V or section 483-B:19, of the Act, or (3) the Commissioner of the Department of Environmental Services has granted a variance from a specific standard.)

## Certification

As owner or agent for the owner of the subject property, by my signature below, I certify that:

- (a) My responses to questions 1 and 2 above are correct to the best of my knowledge,  
(b) I am familiar with the requirements of RSA 483-B and have knowledge of the development activities which will be undertaken,  
(c) The plans and other information submitted with this permit application provide a complete description of the project and demonstrate how compliance will be accomplished, and  
(d) I understand that false information given in this certification may result in revocation of any permit granted by the Department of Environmental Services as a result of this application, liability for remediation or restoration of the land affected, fines up to \$20,000 for each day of continuing violation, imprisonment or other penalties.

Certified by

Date 11/19/08

Name (print or type) CHRISTOPHER B. WILSON, AGENT AND ATTORNEY IN FACT (owner or agent (circle one))

YOU MUST SUBMIT THE FOLLOWING INFORMATION (Put all information on plans)

6. Two (2) sets of scale plans (one inch = 20 feet) (3 sets if designer wants a return copy of plan) showing all lot dimensions and indicating the distance to and location of existing and proposed buildings wells and waste disposal systems. If the proposed system or well is closer than seventy-five (75) feet to a boundary, you will need to indicate what is on the adjoining lot. If the lot is so large that it cannot be scaled 1"= 20' on your drawing, two copies of a scale plan with a larger scale must also be submitted. The 1:20 scale plan must also contain pertinent elevation data and location of test pits and percolation test holes. All plans must be folded to 8½" x 11". Show areas of exposed ledge or boulders greater than 6' in diameter within 75' of proposed system.
7. Specific directions so that inspector may easily drive to and find the site. Include mileage referenced from intersections or landmarks to this site. This shall be indicated on a USGS quadrangle map or other suitable location plan.
8. Distance and location of nearest surface water in relation to disposal system (must be a minimum of 75' from all lakes streams, ponds and swamps whether intermittent or year round). If nearest surface water is greater than 75' away, a statement to that effect is required.
9. a. Location of proposed and existing drinking water supply lines. Soil Data (to be determined in leaching area for each system indicate where and when tests were taken). Percolation test data including rate and depth of test.
- b. Test Pit Log:
- Show depth from original ground surface to the observed water table.
  - Show depth to seasonal high water table (springtime). This may be an estimate based on mottling, NRCS data, etc., (water table must be four (4) feet below the bed during all seasons of the year).
  - Show depth from original ground surface to impermeable substratum (i.e. clay or ledge). Clay and hardpan will be considered impermeable unless proven otherwise. Bottom of effluent disposal area (EDA) must be four (4) feet above any bedrock or any impermeable substratum. P.E. required for ledge lots where system will be greater than 600 GPD or for disposal systems greater than 2,500 GPD.
  - Soil description of the predominant soil layers including color notations from the Munsell Soil Color book.
- c. Soil survey data for the lot. This information is available at the Local Soil Conservation District office. When taken from current soil map, a copy designating locus and site will be acceptable (state reference source).
10. Where fill is required, filled area must extend a minimum of five (5) feet in all directions beyond the edge of the bed at same elevation as top of the bed before tapering off at a 3:1 slope (3 horizontal to 1 vertical). There shall be a minimum of 3" of loam suitable for seeding and proper stabilization of the slope. All topsoil, roots and organic matter under the leaching system must be removed before fill is placed. Show fill details and material specification on cross section.
11. Number of bedrooms or estimated sewage load in gallons per day.
12. Ground surface elevations for the lot showing the slope of the land at two foot contour intervals. Sufficient spot elevations are required to verify level lots. Show original and proposed contours. Reference contours to a benchmark located near the proposed systems. This topographical information must appear on the 1:20 scale plan.
13. Liquid capacity of septic tank, details and materials of construction.
14. Scale plan of leaching system with construction details and dimensions. Show sill elevations, invert elevations at building exit, inlet and outlet from septic tank, inlet and outlet from distribution box, invert of effluent disposal lines and bottom elevation of effluent disposal area. Inverts must be referenced to your benchmark. Invert may be best indicated on your cross section or profile sections.
15. Make, type and capacity of sewage pump, pump well, discharge line, siphons, siphon chambers, etc. (when used).
16. Number of outlets and name of manufacturer of distribution box (all laterals must be directly connected to distribution box, i.e., no tees in the middle of the bed or field will be allowed).
17. Cross section of leaching trench, leaching bed, or dry well showing all construction details (in leach bed, lines should be uniformly spaced from 3 to 5 feet on center and half of that distance in from the edge of the bed: present requirements for dry wells are 6" minimum of stone around sides of dry well and 1 foot minimum of stone under dry well). Show all fill details on cross section.
18. Type and size of stone. Must be clean and meet septic stone specifications.
19. Type, size and manufacturer of effluent disposal pipe.
20. Type of leaching pipe joints for perforated pipes. (Leach lines shall be interconnected or capped at the end.)
21. Statement that effluent disposal pipes and bottom of effluent disposal area will be laid as level as possible.
22. Show a suitable area for a replacement system where available or state that the system may have to be rebuilt in place, if failure occurs.
- NO LIABILITY IS INCURRED BY THE STATE by reason of any approval for construction of individual sewage disposal system plans. Approval by the Department of Environmental Services of individual sewage disposal systems is based on plans and specifications supplied by the applicant. NO GUARANTEE IS INTENDED OR IMPLIED BY REASON OF ANY ADVICE GIVEN BY THE DEPARTMENT OR ITS STAFF.