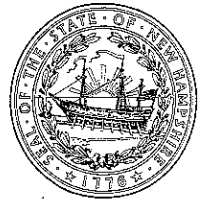




The State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

July 27, 2009

Mr. Tom W. Ashton  
American Manufacturing Company, Inc.  
P.O. Box 97  
Elkwood, Virginia 22718

**Re: Application for Innovative/Alternative Technology Approval for the  
American Perc-Rite Drip Dispersal System**

Dear Mr. Ashton:

The New Hampshire Department of Environmental Services Innovative/Alternative Technology Approval (ITA) Committee has completed its review of the above referenced application. A general approval with reference to a manual has been granted for the American Manufacturing Company, Inc. Perc-Rite Drip Dispersal System to allow installation of the QM and WD Dispersal Systems to disperse secondary-treated wastewater effluent with 24" of vertical separation from the bottom of the system, as established by the bottom of the tubing, to impermeable substratum or seasonal high water table, and the ASD System to disperse septic tank effluent with 48" of vertical separation from the bottom of the system, as established by the bottom of the tubing, to impermeable substratum or seasonal high water table. This approval is granted pursuant to Chapter 485-A:29 and Administrative Rule Env-Wq 1024 of the Subdivision and Individual Sewage Disposal Design Rules.

The ITA Decision Document and Subsurface Systems Bureau Innovative/Alternative Technology Approval Document are enclosed. The Committee appreciates the effort that you, staff and agents of American Manufacturing have committed to this ITA application.

Sincerely,

Harry T. Stewart, P.E.  
Director  
Water Division

Enclosures: 2

cc: Thomas A Burack, Commissioner - NHDES  
ITA Committee



## SUBSURFACE SYSTEMS BUREAU INNOVATIVE/ALTERNATIVE TECHNOLOGY APPROVAL

as authorized by the  
NH Department of Environmental Services, Water Division (Department)  
pursuant to RSA 485-A and Part Env-Ws 1024 of the  
New Hampshire Subdivision and Individual Sewage Disposal Design Rules (Rules)

### I. APPLICANT/APPROVAL IDENTIFICATION:

**Approval No.:** 2009-07-01  
**Approval Type:** GENERAL WITH REFERENCE TO A MANUAL, specifically, the New Hampshire specific Design and Installation Manual submitted on February 16, 2009  
**Applicant:** American Manufacturing Company, Inc.  
**Applicant Address:** P.O. Box 97, Elkwood, VA 22718  
**Name of Technology:** Perc-Rite Drip Dispersal System  
**Description of Technology:** A system comprised of a control panel activated by float switches and a dose timer controller; drip tubing containing pressure-compensated emitters; an hydraulic unit containing disc filters, automatic control valves and a flow meter housed in a heated enclosure; a pump system; and, a system of manifold and lateral polyethylene tube lines.

### II. FILE REFERENCE/RECORD OF APPLICATION:

**Date(s) Received:** Original application dated January 4, 2008, with supplement dated February 16, 2009.

### III. TERMS AND CONDITIONS: The Applicant has represented in the material referenced in Section II, above, and the Department requires, that this technology be used in compliance with RSA 485-A and Part Env-Wq 1024 of the New Hampshire Subdivision and Individual Sewage Disposal Design Rules (Rules), as amended. The Department also requires the use of this technology to comply with the following terms and conditions:

- a. The American Manufacturing Company, Inc. is granted approval as an Innovative/Alternative Technology pursuant to Env-Wq 1024.06(e). The QM and WD Systems, which disperse secondary treated effluent, may be installed with two feet of vertical separation from the bottom of the system, as established by the bottom of the polyethylene drip tube, to impermeable substratum, bedrock or seasonal high water table. The ASD System, which disperses septic tank effluent, may be installed with four feet of vertical separation from the bottom of the system, as established by the bottom of the polyethylene drip tube, to impermeable substratum, bedrock or seasonal high water table. These systems are approved for use provided that designs submitted under this approval shall be in strict accordance with the approved design manual.
- b. This approval is granted based on evaluation criteria established in Env-Wq 1024.07.
- c. This approval incorporates by reference the decision document by the Department dated June 19, 2009, on original application dated January 4, 2008, with supplement dated February 16, 2009, referenced above.
- d. The American Manufacturing Company Inc. Perc-Rite Drip Dispersal System requires ongoing professional maintenance. Therefore, an executed service contract will be required prior to operational approval. Replacement of a failed ITA system is subject to the requirements of Env-Wq 1024.03.
- e. All applications submitted for approval under Env-Wq 1003 and Env-Wq 1004 shall include a copy of, or reference to, this approval.
- f. Any modification to the design manual identified in Section I shall be subject to the requirements of Env-Wq 1024.12.

Approval No.: 2009-07-01

Approval Type: GENERAL WITH REFERENCE TO A MANUAL

Applicant: American Manufacturing Company, Inc.

Applicant Address: P.O. Box 97, Elkwood, VA 22718

Name of Technology: Perc-Rite Drip Dispersal System

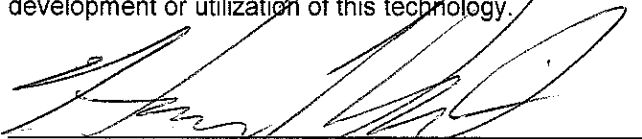
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IV. **EFFECTIVE DATE:** Date of signature below.

V. **AUTHORIZATION:** Pursuant to RSA Chapter 485-A and Part Env-Wq 1024 of the Rules, this Authorization is hereby issued to the Applicant as identified in Section I, above, pursuant to the requirements of Section III, above.

**BY EXERCISING ANY RIGHTS UNDER THIS PERMIT, THE APPLICANT HAS AGREED TO ALL TERMS AND CONDITIONS OF THE PERMIT.** No liability is incurred by the State of New Hampshire by reason of any approval of this technology. Approval by the Department is based on representations made by the applicant that this technology, as proposed, complies with all requirements of the Rules as they apply to utilization of this technology. Representations made within the application have not necessarily been reviewed by the Department to confirm compliance. Instead, issuance of this approval places full reliance on the applicant's representations that the application meets the requirements of the Rules. Failure of the proposal to actually meet the utilization requirements for this type of technology or failure of the applicant to otherwise comply with the terms and conditions of this approval may result in civil or criminal penalties, suspension or revocation of this approval. No warranty/guarantee is intended or implied by reason of any advice given by the Department or its staff.

This approval shall not eliminate the need to obtain all requisite federal, state or local permits, licenses or approvals, or to comply with all other applicable federal, state, district and local permits, ordinances, laws, approvals or conditions for the development or utilization of this technology.



Harry T. Stewart, P.E., Director, Water Division  
New Hampshire Department of Environmental Services

7/21/09  
Date