



# COMMONWEALTH of VIRGINIA

Karen Remley, MD, MBA, FAAP  
State Health Commissioner

Department of Health  
P O BOX 2448  
RICHMOND, VA 23218

TTY 7-1-1 OR  
1-800-828-1120

September 22, 2009

Mr. Cole Heavican  
Snyder Industries, Inc.  
Post Office Box 4583  
Lincoln, Nebraska 68504

## CERTIFIED MAIL

Re: Septic tank name change from *NuConSept* to *Dominator*

Dear Mr. Heavican,

You requested by letter dated September 4, 2009 to amend the approval letter of 5 sizes of septic tanks to show the name change from *NuConSept* to *Dominator*. You also requested that this approval be posted on our web site as a GMP (guidance, memorandum, and policy).

Snyder Industries received approval of 5 sizes of septic tanks by variances granted January 6, 2005 and July 19, 2005. The sizes were 750, 900, 1050, 1250, and 1500 gallons. The variances were from the minimum liquid depth of 48 inches as required in 12 VAC 5-610-815 B. of the Sewage Handling and Disposal Regulations. The referred tanks have liquid depths of 42 inches.

We acknowledge the name change of the septic tanks to *Dominator* and will post this letter with the variances on our web site as GMP #151. Please advise if I can be of further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel Price".

Daniel Price  
Program Manager



# COMMONWEALTH of VIRGINIA

Department of Health

ROBERT B. STROUBE, M.D., M.P.H.  
STATE HEALTH COMMISSIONER

P O BOX 2448  
RICHMOND, VA 23218

TTY 7-1-1 OR  
1-800-828-1120

January 6, 2005

Mr. Todd Bolzer, Project Engineer  
602 Industrial Street  
Marked Tree, Arkansas 72365

## CERTIFIED MAIL

Dear Mr. Bolzer:

Re: Variance from 48 inch liquid depth for "NuConSept Plus" septic tanks.

This is in reply to your request for a variance from 12 VAC 5-610-815 B. of the *Sewage Handling and Disposal Regulations (Regulations)*. You cited Section 810 C.2, but "C. 2" of Section 810 does not exist. From your data and conversation with our staff, you clearly intended to reference Section 815 B. This section requires a minimum liquid depth of 48 inches. The "NuConSept Plus" septic tanks are designed for a liquid depth of 42 inches. You specifically cite tank sizes of 750, 900 and 1050 gallons as part of your request.

The *Regulations* state that I may grant a variance if a thorough investigation reveals that the hardship imposed outweighs the benefits that may be received by the public. The granting of such a variance shall not subject the public to unreasonable health risks. Your customers have requested this new septic tank design in order to alleviate installation difficulties in areas of high water tables.

The data submitted indicates that the structural integrity of "NuConSept Plus" septic tanks conforms to industry standards. This series of septic tanks has been approved for onsite sewage system use in the states of Florida, North Carolina, Georgia, Arkansas, Kansas, and Ohio. Jackson Research Engineers reviewed your calculations, finite element analysis, and proof-testing and concluded the "NuConSept Plus" septic tanks series was structurally sound. They cited as a reference the March, 1997 edition of Kansas Bulletin 4-2, "Minimum Standards

Mr. Bolzer  
January 6, 2005  
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for Design and Construction of Onsite Wastewater Systems". Universal Laboratory, Incorporated tested the 1050 gallon model septic tank and concluded in a letter dated July 22, 2004, it meet the requirements of IAPMO (International Association of Plumbing and Mechanical Officials) PS (Particular Standard)1-03c and Canadian Standards Association (CSA) B66-00 for domestic sewage disposal systems.

After careful review of your request, I am granting the variance as requested. The six inch difference in liquid depth should have no effect on biological treatment of the sewage. In this case, the benefits of using the "NuConSept Plus" tanks in areas of high seasonal water table, with a 42 inch liquid depth, outweigh any hardship of imposing the 48 inch liquid depth requirement.

There is no time limit imposed on this variance and it becomes effective 15 days from your receipt of this letter. If you have questions, please contact Mr. Daniel "Duke" Price, Program Manager, at (804) 864-7460.

Sincerely,



Robert B. Stroube, M.D., M.P.H.  
State Health Commissioner

c: VDH Field Staff



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ROBERT B. STROUBE, M.D., M.P.H.  
STATE HEALTH COMMISSIONER

July 19, 2005

Mr. Todd Bolzer  
Project Engineer  
Snyder Industries, Incorporated  
602 Industrial Street  
Marked Tree, Arkansas 72365

## CERTIFIED MAIL

Dear Mr. Bolzer:

Re: Variance request from 48 inch liquid depth for "NuConSept Plus" 1250 and 1500 gallon septic tanks.

This is in reply to your request to extend the variance granted January 6, 2005, to Snyder Industries for the "NuConSept Plus" 750, 900, and 1050 gallon low profile, septic tanks. That variance was from 12 VAC 5-610-815 B. of the *Sewage Handling and Disposal Regulations (Regulations)*, which requires a minimum liquid depth of 48 inches; the "NuConSept Plus" septic tanks are designed for a liquid depth of 42 inches. You are now requesting to extend the variance to include the 1250 and 1500 gallon septic tanks, which are also designed for a liquid depth of 42 inches. There is no provision in the *Regulations* for a variance extension; therefore, I will consider your request as a separate variance request.

The *Regulations* state that I may grant a variance if a thorough investigation reveals that the hardship imposed outweighs the benefits that may be received by the public. The granting of such a variance shall not subject the public to unreasonable health risks. Your customers have requested this new septic tank design in order to alleviate installation difficulties in areas of high water tables.

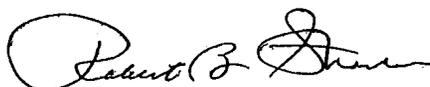
After careful review of your request, I am granting the variance as requested. There is no design difference in the 1250 and 1500 gallon tanks from the smaller models other than a center line extension to the mold. The tanks appear structurally sound as shown by third party

Mr. Todd Bolzer  
July 19, 2005  
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engineering reviews, and the six inch difference in liquid depth should have no effect on biological treatment of the sewage. The benefits of using the "NuConSept Plus" 1250 and 1500 gallon tanks in areas of high seasonal water table, with a 42 inch liquid depth, outweigh any hardship of imposing a 48 inch liquid depth requirement.

There is no time limit imposed on this variance and it becomes effective 15 days from your receipt of this letter. If you have questions, please contact Mr. Daniel "Duke" Price, Program Manager, at (804) 864-7460.

Sincerely,



Robert B. Stroube, M.D., M.P.H.  
State Health Commissioner

cc: Robert W. Hicks  
Director, Office of Environmental Health Services