



COMMONWEALTH of VIRGINIA

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

Department of Health
P.O. BOX 2448
RICHMOND, VA 23218

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

MEMORANDUM

GMP #131

Date: December 1, 2005

To: Environmental Health Managers
District Health Directors
Virginia Tech Contract Soil Scientists
Authorized Onsite Soil Evaluators

From: Anish R. Jantrania, Ph.D., P.E. 
Technical Services Engineer
Division of Onsite Sewage and Water Services

Subject: Approval of Coon Manufacturing Tanks, 1,000 gallons and 1,500 gallons
for use in Virginia.

The attached letter is an approval for rotationally molded polyethylene septic tanks manufactured by Coon Manufacturing of Spickard, MO. The tanks are approved for use if an NSF certified effluent filter is included in the outlet structure of each tank. Please add this memo and the attached information to your GMP Manual as GMP #131.

Attachments: Approval Letter and Tank Drawings.

GMP #131
Onsite – Product Approval –Septic Tanks



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December 1, 2005

Mr. Bill Coon
President
Coon Manufacturing
P. O. Box 108
Spickard, MO 64679

Dear Mr. Coon:

First of all, I want to apologize for the delay in responding to your request for approval of septic tanks manufactured by your company for use in Virginia. I have completed the review of the drawings and test reports you submitted for the tanks. The information is for 1,000 and 1,500 gallon capacity two compartment rotationally molded polyethylene tanks.

Section 12 VAC 5-610-815 of the Sewage Handling and Disposal Regulations (*Regulations*) specifies the technical requirements for a septic tank (copy attached). The technical details you submitted for the above mentioned tanks indicate that some of the criteria for dimensions of the tanks are not in full compliance of the requirements specified in the *Regulations*. However, after reviewing the test reports prepared by the Universal Laboratory, Inc., the Division of Onsite Sewage and Water Services (*Division*) approves both the tanks (1,000 gallon and 1,500 gallon) for use in Virginia if an NSF certified effluent filter is included in the outlet structure of each tank. This approval notice will be posted on the *Division's* web site as GMP #131.

If you have any questions about this letter, you may call me at 804-864-7457.

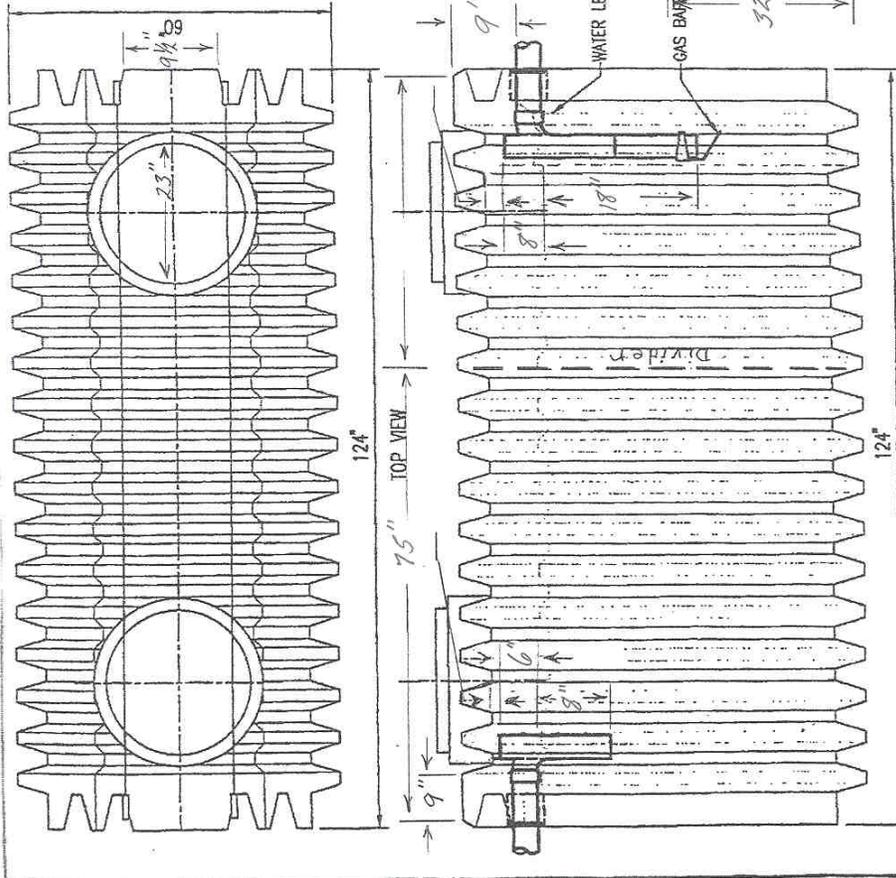
Thank you,

Sincerely,

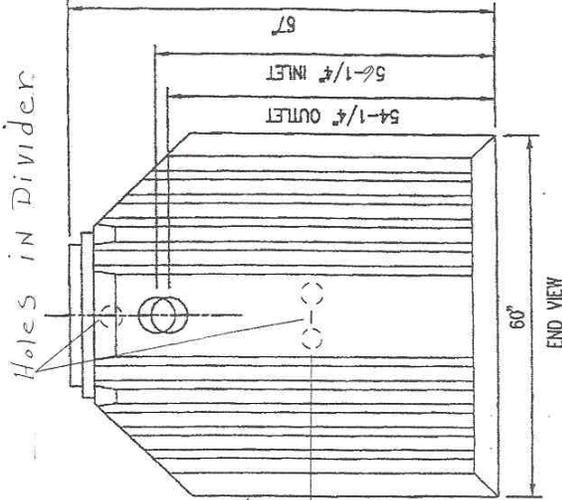
A handwritten signature in black ink, appearing to read "Anish R. Jantrania".

Anish R. Jantrania, Ph.D., P.E.
Technical Services Engineer.

Attachment: Section 12 VAC 5-610-815 of the *Regulations*.



- NOTES:
1. TANKS SHALL BE MANUFACTURED OF POLYETHYLENE MATERIALS MINIMUM OF .375" THICK.
 2. TANKS SHALL SUPPORT A TOP-DEAD LOAD OF NOT LESS THAN 500 POUNDS PER SQUARE FOOT.
 3. TANKS SHALL BE DESIGNED AND CONSTRUCTED SO THAT THEY WILL NOT COLLAPSE OR RUPTURE WHEN SUBJECTED TO ANTICIPATED EARTH AND HYDROSTATIC PRESSURE WHEN THE TANKS ARE EITHER FULL OR EMPTY.
 4. INSTALLATION SHALL BE AS PER MANUFACTURERS RECOMMENDATIONS.

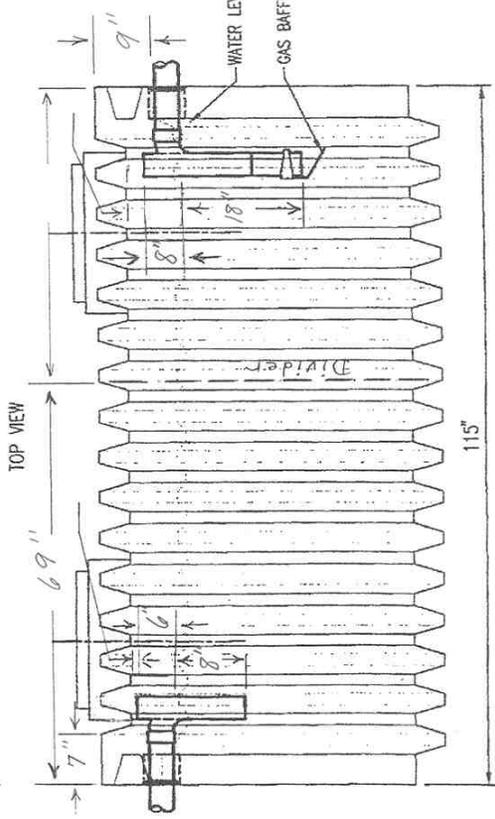
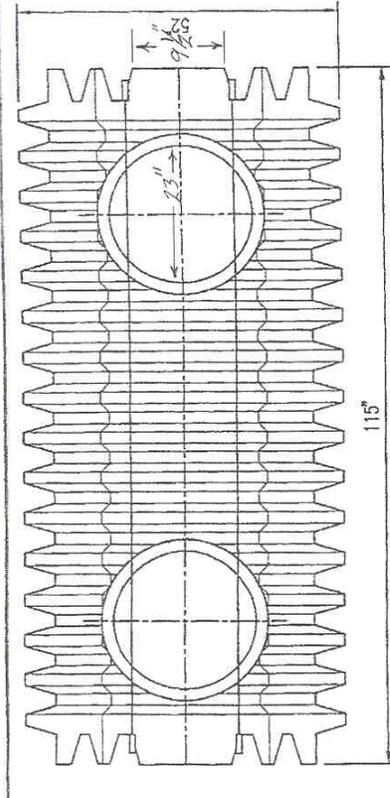


COON MANUFACTURING AND DISTRIBUTING COMPANY TANK DETAILS

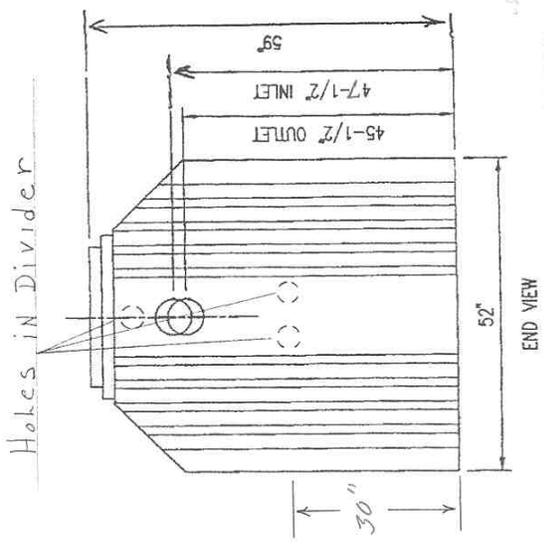
MOSHER ENGINEERING CO.

TELEPHONE (515) 223-7195 1209 GRAND AVENUE
 FAX (515) 223-7278 WEST DES MOINES, IOWA 50265-3523
 EMAIL: mosherec@iathns.net

SHEET TITLE: 1,500 GALLON TANK DETAIL	SCALE: 1/2" = 1'-0"	MEC PROJECT NO.: 3061	DATE: AUG. 18, 2003	SHEET: M-3
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 EMAIL: moshereng@iowasnet.net

SHEET TITLE: 1,000 GALLON TANK DETAIL	SCALE: 1/2" = 1'-0"	MEC PROJECT NO.: 3061	DATE: AUG. 18, 2003	SHEET: M-2
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