

3/2/03 3PM

PUB. SEWER STATUS VERIFIED BY mlb

ISSUE DATE: 3/19/2003

P 518581

APPROVAL DATE: 4/3/03

PERMIT INDEXED

A REPAIR

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

01-172131

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: _____ LOT NUMBER: _____

ADDRESS: 6204 Lawyers Hill Road PROPERTY OWNER: Michael Brand

SEPTIC TANK CAPACITY (GALLONS): 1500 Compartmented *

PUMP CHAMBER CAPACITY (GALLONS): _____

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: _____

Handwritten notes:
K. J. Bell
(410) 984-5211
Public Water

TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	_____
PURPOSE:	Septic tank needs to be replaced. Call for inspection when ground is opened so sanitarian can recommend repair.

PLANS APPROVED: _____ DATE: _____

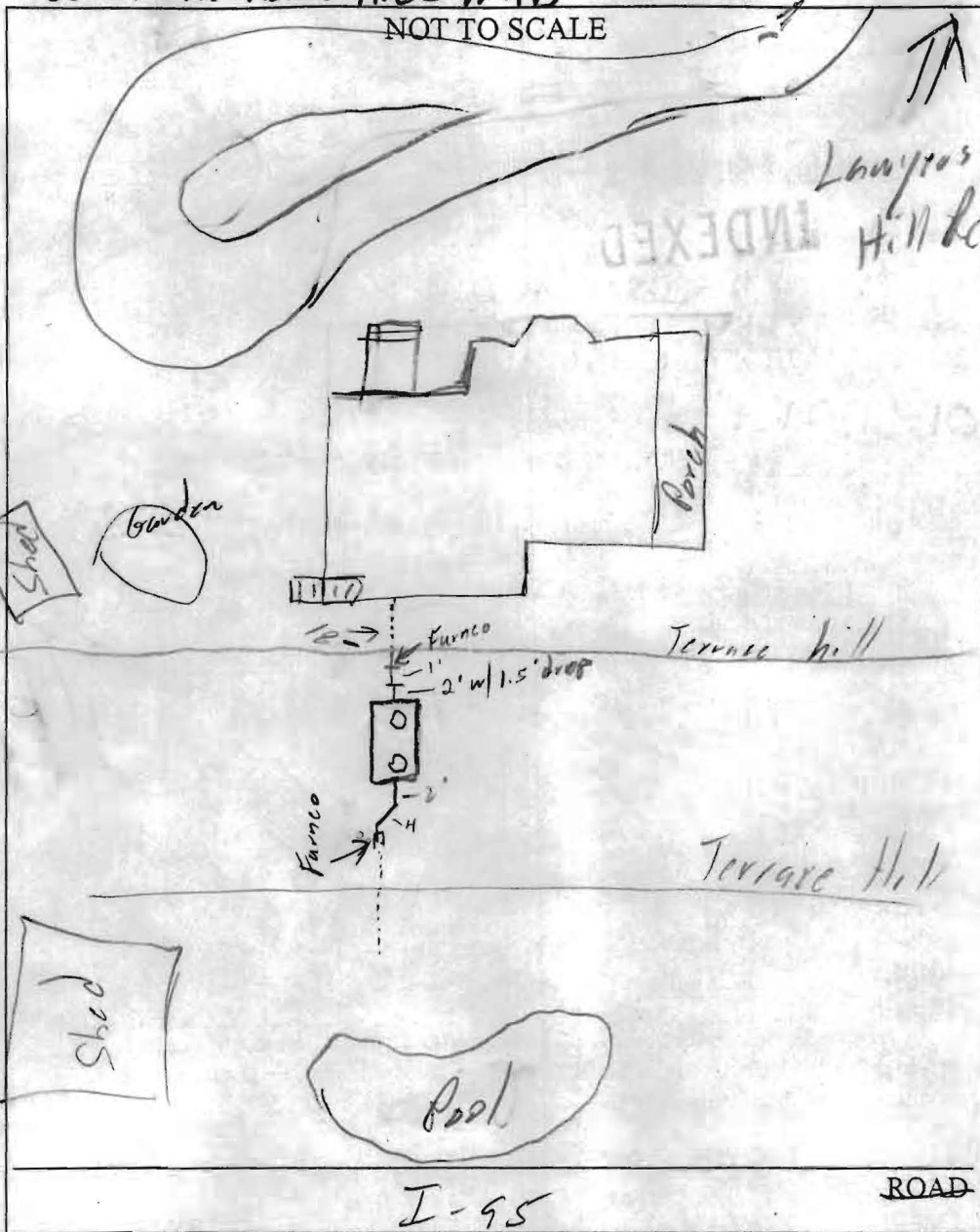
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

P518581

6204 LAWYERS HILL ROAD

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
Ex	?	
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL

2 Comp. CAPACITY 1500 GAL

SEAM LOC None - Poly Tank

TANK LID DEPTH 1-1.5'

BAFFLES

BAFFLE FILTER

MANHOLE LOC FEB

6" PORT LOC

WATERTIGHT TEST

SEPTIC TANK 2 LEVEL _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES MA

BAFFLE FILTER MA

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

PRE-CONSTRUCTION 3/3/03 T.C. to Kirt about scheduling insp (SO)

INSTALLATION 4/2/03 Poly tank installed. Unknown location of D.W. or trenches. Filling tank w/ water to keep in from planting. Will back fill tomorrow. (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 4/3/03

NuConSept SEPTIC TANKS



For many years, rotational molding has proven to be the ideal method of producing a seamless, one-piece tank that minimizes the risk of leaking. In addition, polyethylene, because of its excellent corrosion resistance and chemical compatibility is the ideal material for on-site applications. And when properly molded, polyethylene can readily endure the stresses imposed by installation and burial loads.

At Snyder, we were not content to just develop a new line of polyethylene tanks for the on-site market. We incorporated a "new concept" of design to further enhance the leak proof properties of the tank and improve the structure to minimize deformation of the tank and maximize tank life.

The result is **NuConSept**, the best performing on-site tank available in the marketplace. Review the following list to see why **NuConSept** is the growing choice for on-site applications.

One-piece seamless construction — **NuConSept** tanks are rotationally-molded to resist leaking and cracking better than concrete and fiberglass. Unlike other materials, they will not rust or corrode and require no additional coating.

Superior chemical resistance — Polyethylene is an inert material unaffected by chemicals in the soil or by the chemicals and gasses generated by wastewater.



Parabolic design.

Extra strength design — Snyder **NuConSept** tanks combine aggressive rib design with a special parabolic shape. This provides structural strength not found in other on-site polyethylene products.

Better impact resistance — Superior to fiberglass in resisting shipping, handling and installation damage.

Structurally superior double-wall manhole covers* are standard — In addition, extensions and lid/riser combinations are available to bring tank access to grade.

Easier to install — Lighter weight means less heavy equipment and manpower. Easy to haul in a pick-up and install at hard-to-reach sites. Ideal for do-it-yourself installation.

Leak proof seal — Improved design features ensure a leak proof seal of the lid or manhole extension to the manhole of the tank*. This prevents groundwater from entering the tank and causing premature failure of the leach field.

Ready for installation — Each septic tank is shipped with schedule 40 PVC inlet and outlet tees.

Reinforced manhole* — Special molded-in reinforcement ring resists deformation.

Anti-flotation design features.

Isolated tubulations for inlet and outlet* — Aids in sewer line to tank connections.

**Patent application in process.*



24" diameter manhole features a raised ring and multiple sealing surfaces to virtually eliminate water infiltration.

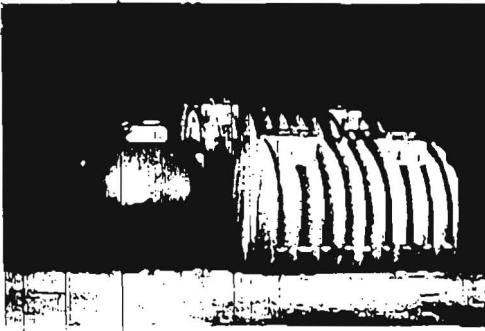


Lids have super-strong double-wall design, with tamper resistant safety lock.

NO PUBLIC SEWER
PER GIS
+ per Jean Reed

Could not locate file.
(Replacing tank only)

NuConSept SEPTIC TANKS



- Parabolic design minimizes deformation by transferring load from the top to the sidewalls and bottom.
- Rounded, aggressive rib design maximizes stiffness for long life.
- Shipped with fittings and ready for installation with heavy-duty schedule 40 PVC tee assemblies.
- Double-compartment models, available in 1050, 1250 and 1500 gallon sizes, have structurally-engineered divider which is permanently fused to the tank walls.

Pump Tank Specifications

Part No.	Gallon Capacity	Tank Avail.	Length	Width	Height	No. of Manholes
51755	500 sphere	A	60"	60"	63"	1-24"

500 sphere tank is furnished with manhole cover only.

Septic Tanks Specifications – Single Compartment

Part No.	Gallon Capacity	Tank Avail.	Length	Width	Height	No. of Manholes
50255	750	A	80"	64"	62"	1-24"
50655	1050	A	100"	64"	62"	2-24"
50855	1250	A	119"	64"	62"	2-24"
51255	1500	A	140"	64"	62"	2-24"

Septic Tanks Specifications – Double Compartment

Part No.	Gallon Capacity	Tank Avail.	Length	Width	Height	No. of Manholes
50600155	1050 (2/3-1/3)	A	100"	64"	62"	2-24"
50800155	1250 (2/3-1/3)	A	119"	64"	62"	2-24"
51200155	1500 (2/3-1/3)	A	140"	64"	62"	2-24"

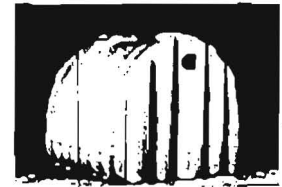
Septic tanks are furnished with inlet and outlet tees, gaskets, and manhole covers

KEY FOR TANK AVAILABILITY

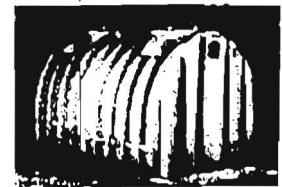
A - All locations L - Lincoln, NE M - Marked Tree, AR R - Roanoke, AL P - Philippi, WV



500 Gallon Sphere



750 Gallon



1050 Gallon

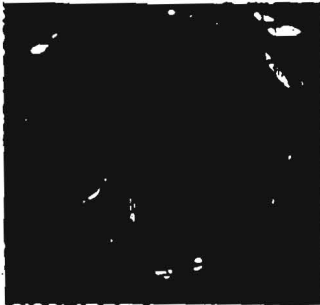


1250 Gallon



1500 Gallon

SNYDER POLYETHYLENE TANKS HERE'S HOW WE BUILD-IN MORE VALUE



Unmatched experience. For more than 30 years Snyder has been a leader in building polyethylene tanks that are lighter, stronger and more cost effective than other materials.

Well-located manufacturing facilities. Snyder can meet your needs from four rotational molding plants located in Lincoln, Nebraska; Marked Tree, Arkansas; Roanoke, Alabama and Philippi, West Virginia. This enables faster delivery and keeps freight costs low. Most popular sizes are stocked at all locations.

Highest quality control standards. From raw material analysis to stringent 100% final inspection the quality of Snyder **NuConSept** On-Site and Water Storage tanks is monitored every step of the way. Copies of our quality control procedures are available on request.

Skilled application engineering. In developing Snyder On-Site and Water Storage tanks, our engineers study the demands of each application and use computer-enhanced design to strategically shape and strengthen tank walls to withstand stress.

WARRANTY

Snyder warrants that if any manufactured tank product is proven to be defective in material or workmanship with three years from the date of manufacture, Snyder will (at company option) either replace or repair said part. This standard limited warranty does not apply to damages resulting from misuse, improper application of recommended materials, accident, or improper installation or maintenance. Remedy to the buyer is limited to the replacement of any defective product (or its component, where applicable), F.O.B. point of manufacture. The buyer's remedy under this warranty does not include any other direct or consequential damages which result from defects in material and/or workmanship of its products



Septic Tank Installation Procedures

1. Excavation

- Backfill depth [A] (above inlet and outlet pipes) may range from 6" to 30".
- Side wall and end wall allowance [B] should be between 18" and 24".
- Bedding [C] should be a well-compacted sand/gravel mixture with a minimum depth of 6" in soil terrain and 12" in rock terrain.
- Shift tank from side to side help "settle" tank into bedding.

2. Lid and Manhole Extension

- Install the lid and/or manhole extensions before the addition of water into the tank and backfill.
- Note that the inlet is higher than the outlet.

3. Tee and Gasket Installation

- Install inlet/outlet assembly from inside of tank through 4.5" holes in end wall.
- Slide gasket onto pipe from outside and push into place. Gasket will stop when bottomed out.
- Make sure tee is properly positioned in relation to manway opening.

4. Backfilling Exterior and Filling with water

- Begin filling the tank with water before beginning backfill.
- Be sure to keep the water level even with the backfill level as you proceed.
- Backfill in 12" layers between compaction. - Always compact and first!
- Tamp and compact backfill under inlet and outlet pipe.

5. Backfilling the Top of Tank

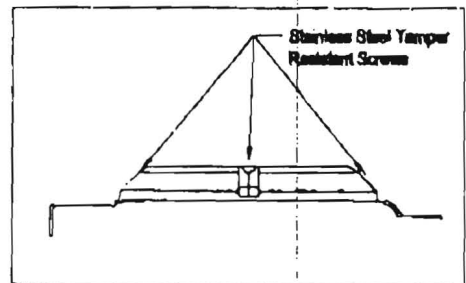
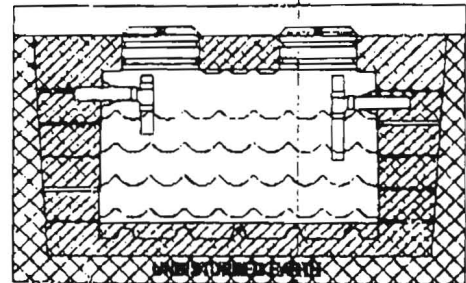
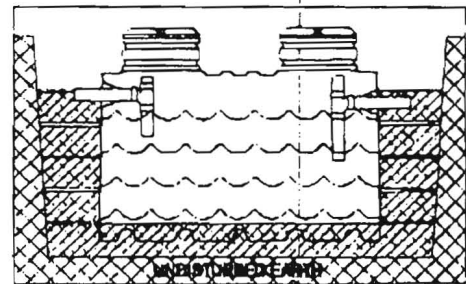
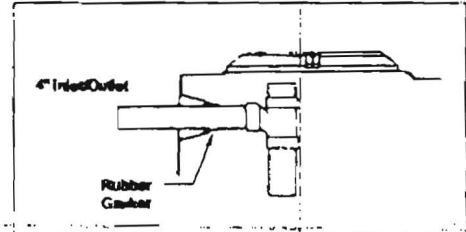
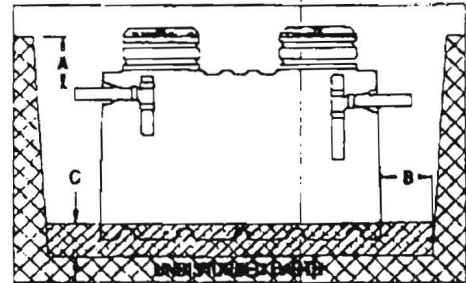
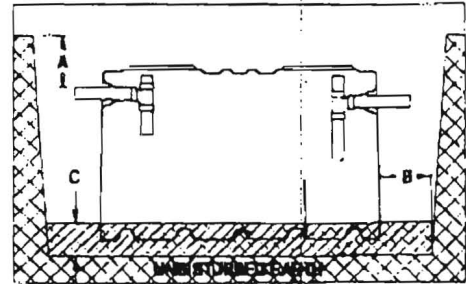
- After tank is completely filled with water, backfill to the surrounding level to a maximum of 30".

6. Securing Lid

- Place lid onto top of tank while and line up internal locking tabs. Push down firmly and rotate lid clockwise 1/16 of a turn to lock into place.
- Install four tamper resistant self-tapping screws into each lid. Special driver provided.

Important Facts for Installation

- Avoid water-saturated clays and/or high water tables.
- Do not install tank in paths of heavy equipment or vehicular traffic.
- Use this tank only underground.
- Never allow buried tank to remain empty after pumping.
- Contact local sanitation for installation of additional tank accessories.



An Affiliate of
the Maryland Association
of Counties, Inc.



Reply to

Maryland Conference of Local
Environmental Health Directors
c/o Maryland Association of Counties
185 Conover Street
Annapolis, Maryland 21401
410-293-0047 (Annapolis area)
301-261-2140 (Washington Metro)
410-293-7773 FAX

June 26, 2001

Snyder Industries Inc.
c/o Mr. Todd Bolzer
602 Industrial Street
Marked Tree, Arkansas 72365

Dear Mr. Bolzer:

This is in reply to your request for an assessment of Snyder Industries Inc. NuConSept™ Tanks for use as septic tanks in the State of Maryland. Your request was referred to the joint Maryland Conference of Local Environmental Health Directors and Maryland Department of the Environment Groundwater Permit Programs Product Review Committee for consideration.

The information you supplied concerned single and double compartment rotationally molded polyethylene septic tanks of 750 to 1500 gallons capacity.

The Committee reviewed the information submitted and found no objection to the use of this product for the purpose requested. The Committee shared the information and the result of the review with the members of the Maryland Conference of Local Environmental Health Directors.

Please be advised that the authority for final product approval is delegated to the individual counties and that they may have more stringent requirements than state regulation. Favorable reviews by the Committee does not eliminate the need for individual county approval.

If you have any further questions regarding this matter please call me at 410-876-4870.

Sincerely,

Charles L. Zeleski
Charles L. Zeleski, R.S.
President

cc: Bob Weber
Jay Prager
Craig Williams
Local Environmental Health Directors