

**Mission:**

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



**Rick Scott**  
Governor

**John H. Armstrong, MD, FACS**  
State Surgeon General & Secretary

**Vision:** To be the Healthiest State in the Nation

April 3, 2014

Mr. David Lentz  
Infiltrator Systems, Incorporated  
6 Business Park Road  
P.O. Box 768  
Old Saybrook, CT 06475

Dear Mr. Lentz:

We have reviewed the engineer's reports on structural proof and flow testing certified by Mark Tyl on March 24, 2014, and additional information you provided regarding the proposed polypropylene tank.

Per your request for treatment receptacle design approval and in consideration of the variances granted by the Department on July 05, 2011, and March 20, 2013, the following approval numbers have been assigned:

<u>Effective Capacity (gal)</u>	<u>Approval Number</u>	<u>Comments</u>
1537	70-143-16D-C4	polypropylene tank with four vertical stiffeners and baffle attached to stiffener. Mid-seam length and width. IM-1530.
1537	70-143-16S-C4	polypropylene tank with four vertical stiffeners. Mid-seam length and width. IM-1530.

Florida Administrative Code (FAC) 64E-6.013(2)(j), effective July 16, 2013 states:

The State Health Office's designated approval number for the tank, and the effective capacity of the tank in gallons shall be cast or stamped into the wall or permanently stenciled or decaled onto the wall at the inlet end, to begin within 6 inches of the top of the wall. All identifying marks shall be inscribed or affixed at the point of manufacture only. All information supplied in the legend shall be provided with a minimum of two inch high lettering.

Infiltrator Systems will cause the first 20 of these tanks delivered to Florida to be vacuum tested and transmit the logs to the Department. In general, a newly certified assembler also will vacuum test the first 20 assembled polypropylene tanks. Subsequently, vacuum testing will shift to a one per pallet (seven tanks per pallet) rate, which exceeds the one in ten rate established in the March 2013 variance. Assemblers will visually inspect every assembled tank. Inlet and outlet holes for the polypropylene tanks will be drilled either at the manufacturing plant or at the assembler at the location indicated by the mold. The designated side inlets and outlets do not comply with 64E-6.013(2)(f), (FAC), and may not be used. Based on the information you provided, this approval is valid for tanks made from polypropylene with a flexural modulus of elasticity of at least 140,000 psi.

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Enclosed is a current copy of the updated tank approvals on record with our office for your company. Please review the records for accuracy. If you have any questions please contact Eberhard Roeder at (850) 245-4444, Ext. 2698.

Sincerely,

A handwritten signature in black ink, appearing to read "Gerald R. Briggs". The signature is fluid and cursive, with a prominent initial "G" and "R".

Gerald R. Briggs, MSM  
Environmental Administrator  
Water and Onsite Sewage Programs

GRB/er  
Enclosures

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### NOTICE OF RIGHTS TO APPEAL

A party whose substantial interest is affected by this order may petition for administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes. Such proceedings are governed by Chapter 28-106, Florida Administrative Code. A petition for a hearing must be in writing and must be received by the Agency Clerk for the Department within twenty-one (21) days from the receipt of this order. The address for the Agency Clerk is 4052 Bald Cypress Way, Bin # A02, Tallahassee, FL 32399-1703. The Agency Clerk's facsimile number is (850) 410-1448.

Mediation is not available as an alternative remedy.

Your failure to submit a petition for hearing within 21 days from receipt of this order will constitute a waiver of your right to an administrative hearing, and this order shall become a "final order".

Should this Order become a Final Order, a party who is adversely affected by it is entitled to judicial review pursuant to section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Health and a second copy accompanied by the filing fees required by law with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of the rendition of the final order.

# Infiltrator Systems, Incorporated

6 Business Park Road; P.O. Box 7  
Old Saybrook, CT 06475

run date: 3/31/2014

TANK NUMBER	CATEGORY	WALL THICKNESS	LIQUID DEPTH	TOP EXTERIOR		EFFECTIVE GALLONS	TOTAL	USE	APPROVAL	
				WIDTH	LENGTH		GALLONS (Pump Tanks)		DATE	FAMILY:
70-143-03S-C3	C3	0.50	38.00	47	50	250	310	D, L	10/12/2010	
REMARKS: Graywater, laundry, or pump tank, or part of a septic tank in series. Pump tank may be manufactured without outlet hole. TW-300										
70-143-04S-C3	C3	0.70	40.00	59.6	59.6	375	417	D	3/3/2009	
REMARKS: Can be used as a pump tank only. Insufficient airspace to be used as septic tank or laundry tank. Pump tank may be manufactured without outlet hole. TW-375										
70-143-05S-C3	C3	0.50	40.00	60.4	62.5	425	500	D, L	7/26/2010	
REMARKS: Graywater, laundry, or pump tank, or part of a septic tank in series. Pump tank may be manufactured without outlet hole. TW-500										
70-143-09D-C3	C3	0.70	40.00	66	96.2	900	1060	B	12/19/2008	
REMARKS: Dual compartment polyethylene tank with two internal stiffeners and baffle. baffle supported by two horizontal beams. TW-900										
70-143-09S-C3	C3	0.70	40.00	66	96.2	900	1060	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with two internal stiffeners. TW-900										
70-143-10D-C3	C3	0.70	40.00	66	109.5	1050	1217	B	7/29/2008	
REMARKS: Dual compartment polyethylene tank with two internal stiffeners and baffle attached to stiffener. TW-1050										
70-143-10S-C3	C3	0.70	40.00	66	109.5	1050	1217	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with two internal stiffeners. TW-1050										
70-143-11D-C4	C4	0.20	44.00	58	119	1090	1280	B	7/8/2011	
REMARKS: dual compartment polypropylene tank with internal two vertical stiffeners and six horizontal stiffeners, and baffle attached to stiffener. Approximate top length and width. IM-1060										
70-143-11D-C3	C3	0.20	44.00	58	119	1090	1280	B	7/8/2011	
REMARKS: dual compartment polypropylene tank with internal two vertical stiffeners and baffle attached to stiffener. Approximate top length and width. IM-1060										
70-143-11S-C4	C4	0.20	44.00	58	119	1090	1280	B	7/8/2011	
REMARKS: single compartment polypropylene tank with internal two vertical stiffeners and six horizontal stiffeners. Approximate top length and width. IM-1060										
70-143-11S-C3	C3	0.20	44.00	58	119	1090	1280	B	7/8/2011	
REMARKS: single compartment polypropylene tank with internal two vertical stiffeners. Approximate top length and width. IM-1060										
70-143-13D-C3	C3	0.70	40.00	66	129.5	1250	1451	B	7/29/2008	
REMARKS: Dual compartment polyethylene tank with three internal stiffeners and baffle attached to stiffener. TW-1250										
70-143-13S-C3	C3	0.70	40.00	66	129.5	1250	1451	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with three internal stiffeners. TW-1250										
70-143-15D-C3	C3	0.70	40.00	66	155.9	1500	1766	B	7/29/2008	
REMARKS: Dual compartment polyethylene tank with three internal stiffeners and baffle attached to stiffener. TW-1500										
70-143-15S-C3	C3	0.70	40.00	66	155.9	1500	1766	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with three internal stiffeners. TW-1500										

# Infiltrator Systems, Incorporated

6 Business Park Road; P.O. Box 7  
 Old Saybrook, CT 06475

run date: 3/31/2014

TANK NUMBER	CATEGORY	WALL THICKNESS	LIQUID DEPTH	TOP EXTERIOR		EFFECTIVE GALLONS	TOTAL	USE	APPROVAL	
				WIDTH	LENGTH		GALLONS (Pump Tanks)		DATE	FAMILY:
70-143-16D-C4	C4	0.20	44.00	61.7	175.6	1537	1750	B,D,L	3/31/2014	5
REMARKS: polypropylene tank with four vertical stiffeners and baffle attached to stiffener. Midseam length and width. IM-1530.										
70-143-16S-C4	C4	0.20	44.00	61.7	175.6	1537	1750	B,D,L	3/31/2014	5
REMARKS: polypropylene tank with four vertical stiffeners. Midseam length and width. IM-1530.										
70-143-54S-C4	C4	0.20	44.00	61.7	64.9	483	557	B, G, D,	8/21/2013	
REMARKS: polypropylene laundry, or pump tank, or part of a septic tank in series. Pump tank may be manufactured without outlet hole. IM-540										