



Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.



Matthew H. Mead, Governor

Todd Parfitt, Director

July 23, 2015

Ashley Donnelly
4 Business Park Road
Old Saybrook, Connecticut 06475

RE: APPROVAL of Infiltrators' 1500-Gallon Two Compartment Polypropylene Septic Tank (IM-1530) for use in Wyoming.

Dear Ms. Donnelly:

The Water Quality Division (WQD) of the Wyoming Department of Environmental Quality (DEQ) has received the drawings and specifications for above referenced septic tank. The WQD evaluated this septic tank and determined that it meets the minimum requirements, except for the liquid depth, as identified in Chapter 25, Section 8 of the Wyoming Water Quality Rules and Regulations. Subsequently, this product will be placed on our B-List of approved septic tanks for use in Wyoming. The low profile tank will be approved on an individual basis when justified by conditions. The table below summarizes the dimensions and specifications for the 1500-gallon, two-compartment, polypropylene septic tank.

Outside Dimensions (L x W x H)	176" x 62" x 55"
Maximum Cover Burial Depth	48"
Access Openings	Three 24" Openings
Inlet / Outlet Height Difference	3"
Liquid Level (LL) Depth	44"
Clearances for scum	10"

Sincerely,

Ryan McBride, P.E.
Assistant Southeast District Engineer
Water Quality Division
RKM/rm/15-0630

cc: IPS

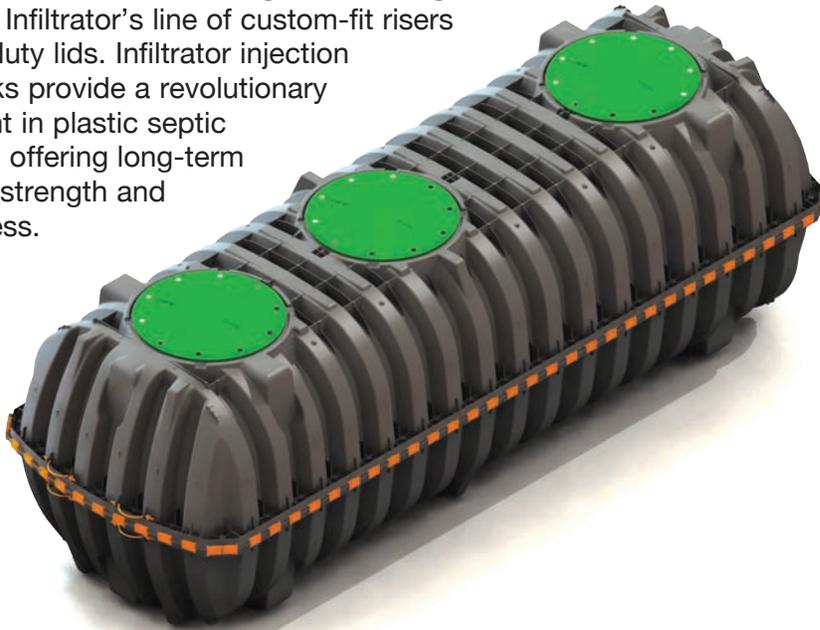
Encl: Submitted Septic Tank Drawings

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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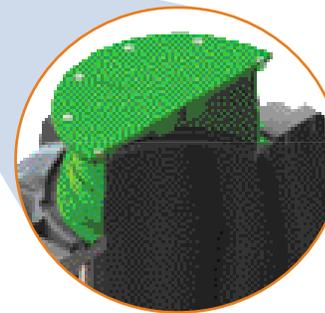
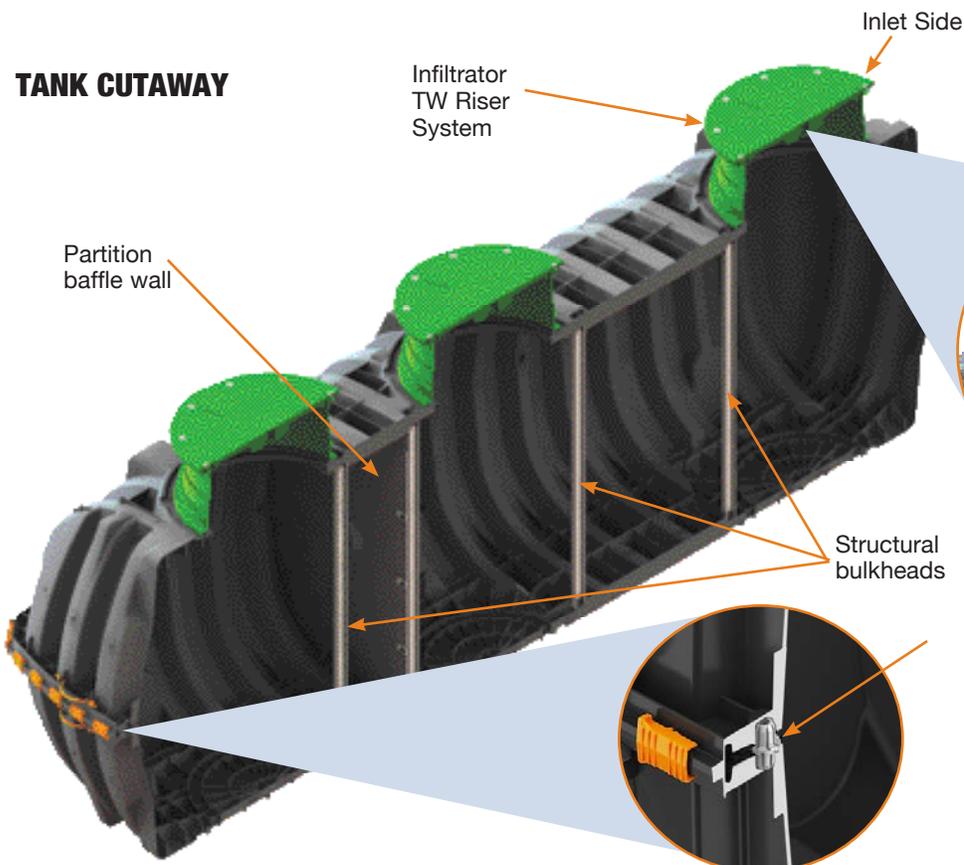
The Infiltrator IM-1530 is a lightweight strong and durable septic tank. This watertight tank design is offered with Infiltrator's line of custom-fit risers and heavy-duty lids. Infiltrator injection molded tanks provide a revolutionary improvement in plastic septic tank design, offering long-term exceptional strength and watertightness.



Features & Benefits

- Strong injection molded polypropylene construction
- Lightweight plastic construction and inboard lifting lugs allow for easy delivery and handling
- Integral heavy-duty green lids that interconnect with TW™ risers and pipe riser solutions
- Structurally reinforced access ports eliminate distortion during installation and pump-outs
- Reinforced structural ribbing and fiberglass bulkheads offer additional strength
- Can be installed with 6" to 48" of cover
- Can be pumped dry during pump-outs
- Suitable for use as a septic tank, pump tank, or rainwater (non-potable) tank
- No special installation, backfill or water filling procedures are required

TANK CUTAWAY

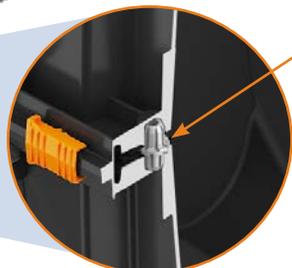


HEAVY DUTY LID CUTAWAY

Reinforced 24" structural access port

AM CUTAWAY

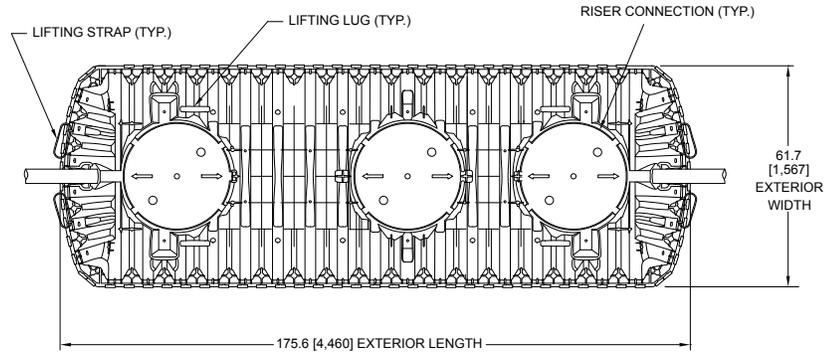
ed water tight mid-seam
d connection



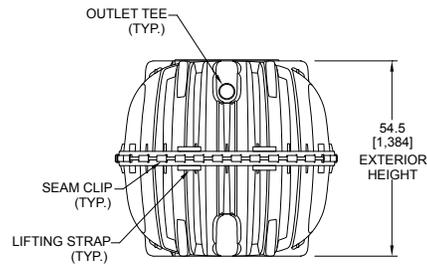
IM-1530 General Specifications and Illustrations

The IM-1530 is an injection molded two piece mid-seam plastic tank. The IM-1530 injection molded plastic design allows for a mid-seam joint that has precise dimensions for accepting an engineered EPDM gasket. Infiltrator's gasket design utilizes technology from the water industry to deliver proven means of maintaining a watertight seal.

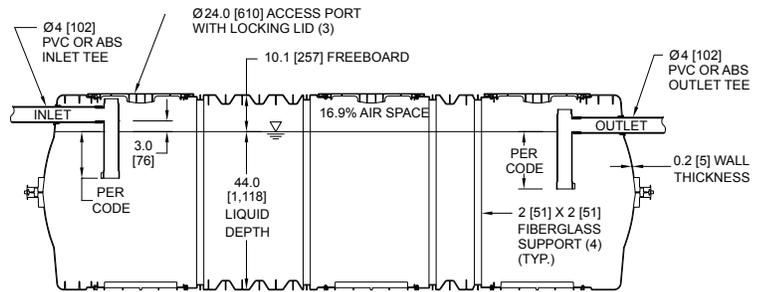
The two-piece design is permanently fastened using a series of non-corrosive plastic alignment dowels and locking seam clips. The IM-1530 is assembled and sold through a network of certified Infiltrator distributors.



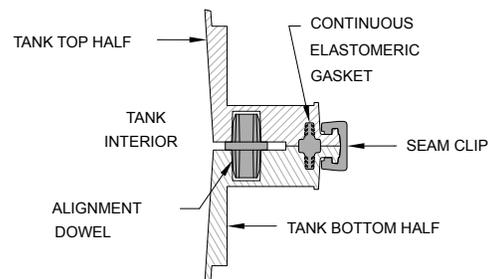
TOP VIEW



END VIEW



SIDE VIEW



MID-HEIGHT SEAM SECTION

IM-1530	
Working Capacity	1537 gal (5818 L)
Total Capacity	1787 gal (6765 L)
Airspace	16.9%
Length	176" (4460 mm)
Width	62" (1567 mm)
Length-to-Width Ratio	2.8 to 1
Height	55" (1384 mm)
Liquid Level	44" (1118 mm)
Invert Drop	3" (76 mm)
Fiberglass Supports	4
Compartments	1 or 2
Maximum Burial Depth	48" (1219 mm)
Minimum Burial Depth	6" (152 mm)
Maximum Pipe Diameter	4" (100 mm)
Weight	501 lbs (228 kg)



INFILTRATOR
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U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844 Canadian Patents: 1,329,959; 2,004,564 Other patents pending. Infiltrator, Equalizer, Quick4, and SideWinder are registered trademarks of Infiltrator Water Technologies. Infiltrator is a registered trademark in France. Infiltrator Water Technologies is a registered trademark in Mexico. Contour, MicroLeaching, PolyTuff, ChamberSpacer, MultiPort, PosiLock, QuickCut, QuickPlay, SnapLock and StraightLock are trademarks of Infiltrator Water Technologies. PolyLok is a trademark of PolyLok, Inc. TUF-TITE is a registered trademark of TUF-TITE, INC. Ultra-Rib is a trademark of IPEX Inc.

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Contact Infiltrator Water Technologies' Technical Services Department for assistance at 1-800-221-4436