



April 10, 2012

INFILTRATOR SYSTEMS INC.  
GOVERNMENT AFFAIRS DEPARTMENT  
4 BUSINESS PARK RD  
PO BOX 768  
OLD SAYBROOK CT 06475

Re: Description: SEWAGE TANKS, THERMOPLASTIC  
Manufacturer: INFILTRATOR SYSTEMS INC.  
Product Name: SEPTIC, SEPTIC/SEPTIC, SEPTIC/PUMP, PUMP OR HOLDING  
Model Number(s): IM-1060  
(1060 GAL. ONE- OR 2-COMPARTMENT THERMOPLASTIC SEWAGE TANK; 1247 GAL.  
ACTUAL CAPACITY WHEN USED AS A HOLDING TANK; 713.3/356.7 GALS.;  
INJECTION MOLDED POLYETHYLENE OR POLYPROPYLENE RESIN, 2-SECTION  
TANK WITH MID-LEVEL SEAM)  
  
[44.0 IN. L.L., 6 IN. MIN. AND 48 IN. MAX. DEPTH OF BURY; 507.6 G.P.D. WHEN USED  
AS A SEPTIC TANK; 341.6 G.P.D WHEN USED AS SEPTIC/PUMP TANK BASED ON A 3  
YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; SEE TABLE 1 FOR TANK  
CAPACITY IN ONE-INCH INCREMENTS; TANK DIMENSIONS (OD) = 127 IN. L X 62.2 IN.  
W X 54.7 IN. H]

**Product File No: 20120143**

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of JANUARY 2016.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.
- When this product receives wastewater from dwellings, it will produce an effluent quality with a maximum monthly average value for BOD5 of less than or equal to 30 mg/L, TSS of less than or equal to 30 mg/L TSS and F.O.G. of less than 30 mg/L and fecal coliform of less than or equal to 10,000 cfu/100ml.
- Before this product is installed a warning label meeting the requirement of SPS s. 384.25(8)(b), Wis. Admin. Code must be securely attached to the manhole cover.

- **BEDDING:** Tank bedding consisting of native soil (without rocks or protrusions) or 4-inch depth of granular material—pea stone, sand or gravel. Anti-buoyancy control measures may be required if the IM-1060 tank is to be installed with less than 16 inches of soil backfill cover and the seasonal high groundwater table has the potential to rise above the elevation of the tank bottom. Otherwise, no control measures are required. If the seasonal high groundwater is higher than the elevation of the tank bottom at the time of installation, coverage with at least 16 inches of soil backfill cover will eliminate the need for anti-buoyancy control measures. For backfill depths of less than 16 inches, the need for anti-buoyancy control measures must be determined based on backfill cover depth and height of groundwater above the tank bottom. If the groundwater table has the potential to rise above the elevation of the tank bottom, see the attached document(s) for information on the types of controls and applicable backfill and groundwater conditions.
- This tank is approved to use the following:
  - . The tank is provided with 3 ports on each end (one from each side, one for the tank end) used for inlet and outlet piping, depending on site configuration(s);
  - . Four-inch diameter inlet and outlet piping, Schedule 40 or SDR 35.
  - . Department-approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
  - . Inlet/outlet pipe water tightness is provided through the use of a rubber gasket, Serco Septic-Tite gasket. See tank wall penetration detail in attached document(s).
  - . Mechanisms for pump electrical connections from riser lid or other locations in riser must be completed in conformance with the riser manufacturer's installation instructions.
  - . Compatible risers include 24-inch-diameter riser products—Infiltrator TW Riser, EZset by Infiltrator, Polylok®, Inc., and Tuf-Tite® Corporation; other state-approved risers recommended by Infiltrator. Maximum riser height is as per the state-approval and riser manufacturer's installation instructions.
- **BACKFILL:** Backfill with suitable native soil. If native soil is unsuitable, replace unsuitable fraction with suitable soil. Suitable soil includes soil textural classes defined in the United States Department of Agriculture soil triangle. Suitable soil textural classes are based on the tank installation depth, as measured from finished grade to the top of tank. See detailed information on backfill suitability in the attached document(s).
- Additional information is included as attachment(s) to this letter; see attachment A, B and C.

This approval supersedes the approval issued on 1/12/2012 under product file number 20100475

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20100475.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST  
Engineering Consultant--Plumbing Products Review  
DSPS WEST, Safety & Buildings Div.  
PO Box 2658  
201 W Washington Ave.  
Madison WI 53703-2658  
Phone: 608-266-0955; Fax: 608-283-7456  
E-mail: Jean.MacCubbin@WI.GOV