



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
C. Stephen Allred, Director

August 22, 2002

Howard Cheezum
Tuf-Tite Inc.
500 Capital Drive
Lake Zurich, Illinois 60047

RE: Request for approval of Effluent Filter EF-4 and TB-4

Dear Mr. Cheezum:

The Technical Guidance Committee for Individual and Subsurface Sewage Disposal (TGC) has recommended to the Idaho DEQ that the Department use NSF Standard 46 as the criteria for approving effluent filters for use in Idaho. The DEQ has received from you a request for approval of the Tuf-Tite Inc. septic tank effluent filter EF-4 and TB-4. We met on June 21, 2002 and you requested product approval. NSF has published on May 6, 2002 an update of the "Wastewater Treatment Units and Related Products, Components and Materials" that have achieved the NSF certification. Tuf-Tite Inc. is listed as certified under NSF/ANSI Standard 46 for the septic tank effluent filter EF-4 and TB-4.

I am pleased to inform you that DEQ has approved the Tuf-Tite Inc. septic tank effluent filter EF-4 and TB-4. Enclosed for your reference is a revised listing of approved Effluent Filters, page 78-6 of the Technical Guidance Manual for Individual and Subsurface Sewage Disposal (TGM).

The approval of this product in no way implies endorsement or warranty by the State of Idaho that this product will function according to the manufacturer's claims and designs. **Any modification to an approved product requires plans and specifications and NSF STD 46 certification to be submitted to this office prior to any remanufacturing of an approved product.**

If you have any questions about this letter please feel free to contact me at (208)-373-0539.

Sincerely,

A handwritten signature in black ink that reads "Barry N. Burnell".

Barry N. Burnell, R.E.H.S.
Life Sciences Discipline Lead
Technical Services

BNB:sjt

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cc: Technical Guidance Committee Members (w/ enclosure)
Environmental Health Directors (w/ enclosure)
Rick Huddleston, P.E., Wastewater Program Manager (w/ enclosure)
Mark Mason, P.E., Wastewater Program Engineer (w/ enclosure)

SEPTIC TANK EFFLUENT FILTERS

Effluent Filter	Model #	Unit Dimensions	Septic Tank Liquid Depth	Approval Date	NSF Cert.
Norweco 220 Republic Street NORWALK, OH 44857-1196 419-668-4471	BK 2000	Separate settling/retention basin, 2' o.d. x 6'4 1/2"	Not applicable	10/18/99	05/06/2002
Northwest Cascade Stuth	Effluent Filter	24"x18"	Adjust filter stand length	6/05/2000	
Oreco Systems, Inc.	FT - Series FT j - Series FT i - Series	Biotube Effluent Filters Biotube (jr) Effluent Filters 4" dia by 18" Biotube Insert Effluent Filters	Order to fit tank Up to 45" Fits in existing baffle	12/13/99 12/13/99 12/13/99	
Polylock, Inc 173 Church Street Yalesville, CT 06492 800-234-3119	PL-122	4.25" x 4.25" x 12.5" (depth)	Up to 31.25"	10/21/99	06/06/2000
Thorsby & Bowne	ST-3.5"	3.5" o.d. x 60" for Vented Tees	Fits existing baffled tank	07/15/94	
Treit Equipment Co.	EFB-2 EFB-2B EFB-3B	4" diameter for Concrete Baffles 4" diameter for Vented Tees 6" diameter for Vented Tees	Fits existing baffled tank up to 48" up to 60"	03/11/93 03/11/93 03/11/93	
Tuf-Tite Inc. 500 Capital Drive Lake Zurich, IL 60047 800-382-7009	EF-4 EF-4 Combo	4" diameter for Vented Tees (1/16" filtration) 4" diameter with Vented Tees (1/16" filtration)	Fits in existing baffle	08/22/02 08/22/02	05/06/2002
Zabel Wastewater Systems 6244 Old LaGrange Road Crestwood, KY 40014 800-221-5742	A100 A300 A1800	11.4" diameter x 16" high (residential, 1/16") 11.4" diameter x 16" high (commercial, 1/32") 4" diameter for vented tees (1/16" filtration)	Variable adjusts w/ extension Variable adjusts w/ extension Fits existing baffled tank	04/21/88 05/19/98 03/24/94	06/06/2000 06/06/2000 06/06/2000
Zoeller Pump Co. 3649 Cane Run Road Louisville, KY 40211 502-778-2731	P/N 170-0078	4" diameter for Vented Tees (1/16" filtration)	Fits in existing baffle	08/22/02	05/06/2002