

## ARKANSAS DEPARTMENT OF HEALTH AUTHORIZED ONSITE WASTEWATER PRODUCTS LIST

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This is a listing of products authorized for use with standard, alternate, and experimental sewage disposal systems that are in addition to the products listed in the *Rules and Regulations Pertaining to Onsite Wastewater Systems*. All products shall be installed in accordance with manufacturers' directions.

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
AEROBIC BIOLOGICAL GENERATORS	AQUA TEST 800-221-3159	Nibbler Models 1 CPB & 2 CPB
	BIO-MICROBICS 800-753-3278	High Strength FAST / commercial applications for effluent pre-treatment
		Retro FAST / renovation / enhancement of residential sewage systems
	INFILTRATOR SYSTEMS, INC. 800-221-4436	Aquaworx Aerobic Biological Generator (Replaceable bacteria pack available)
	KNIGHT TREATMENT SYSTEMS 800-560-2454	White Knight Aerobic Biological Generator. Replaceable bacteria pack available
	SLUDGE HAMMER 800-426-3349	Sludge Hammer Models 46 & 86
COMPOSTING TOILETS	CLIVUS MULTRUM, INC. 508-794-1700  SUN MAR CORP. 416-332-1314	Composting toilets are for human body wastes only. All other liquid wastes must be disposed of by a method and in a manner approved by the Arkansas Department of Health.

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PRODUCT CATEGORY	MANUFACTURER	COMMENTS
DISTRIBUTION BOXES (D-Boxes)	AMERICAN MANUFACTURING COMPANY, INC. 800-345-3132	* 4-8 hole polyethylene D-boxes
*Leveling devices available	CLARUS ENVIRONMENTAL 501-513-4751	Model Tru-Flow 173-0001 / 5 outlet polyethylene D-box / can be re-leveled easily after installation
	INFILTRATOR SYSTEMS, INC. 800-221-4436	* 4 hole polyethylene D-boxes
	POLYLOK 888-765-9565	* Model 3017-12 (4 Hole)  * Model 3017 -20 (7 Hole)
	TUFF-TITE 800-382-7009	* 4-8 hole polyethylene D-boxes
DIVERSION DEVICES	AMERICAN MANUFACTURING COMPANY, INC. 800-345-3132	4 inch, PVC, two position Bull Run Valve supplied with direction control handle / water-tight
	QUANICS, INC. 877-782-6427	GDS-ZS-300 D Flow Director / PVC, tee style construction / comes with direction control handle
DOSING SIPHONS	ORENCO SYSTEMS, INC. 800-348-9843	2 & 3 inch siphons for residential / commercial sizes available
DRIP DISPERSAL TUBING	GEO-FLOW 800-828-3388	All drip tubing must use pressure-compensating emitters.
Note: All drip systems must be installed according to the procedures and specifications outlined in the current Rules & Regulations.	NETAFIM 610-222-9989	All drip tubing must use pressure-compensating emitters.
EFFLUENT FILTERS	BOWCO 800-232-9991	EF-235
	CLARUS ENVIRONMENTAL 800-928-7867	Model WW4 P/N 5000-007 / up to 4000 gpm, WW1 P/N 170-0078
	NORWECO, INC. 419-668-4471	BK 2000 Bio-Kinetic Wastewater Management System (includes an effluent filter and a disinfection unit)

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
EFFLUENT FILTERS (CONTINUED)	ORENCO SYSTEMS, INC. 800-348-9843	Biotube Effluent Filter. 4, 6, & 8 inch diameters for residential & small commercial applications.
	POLYLOK, INC. 888-765-9565	PL-122 Must attach to sch. 40 outlet pipe (not to tank wall)
		PL-68/fits into existing Sch. 40 outlet baffle
		PL-525 Septic Tank Effluent, PL-625 Grease Trap Effluent
	TUF-TITE, INC. 800-382-7009	Model EF-4, Model EF-6/only use in tanks with 36-39 inch liquid depth, Model P/N 170-0078
	ZABEL, INC. / POLYLOK, INC. 800-221-5742	Models: A100-10X16, A100-10X30, A300-10X20, A300-10X30, A1800- 4X18, A1800-4X22, A100-8X12, A100-8X18, A100-8X26, A100- 8X32, A300-8X12, A300-8X18, A300-8X26, A300-8X32
EFFLUENT FILTERS (PRESSURE)	GAG SIM-TECH 888-999-3290	STF-100 Series - For use with pumped (dosed) systems / installed downstream from pump in the dose chamber.
	POLYLOK, INC. 888-765-9565	Models 3014 PF & 3014 PFP / one micron filter sock available
	QUANICS, INC. 877-782-6427	PDS-PF-1.5 & PDS-PF-2.0 / For use with pumped (dosed) systems / installed downstream from pump in the dose chamber
EFFLUENT FLOW CONTROL DEVICES	QUANICS, INC. 877-782-6427	GDS-ZS-300 Flow Divider (divides effluent flow into two equal flows)
	UNITED CONCRETE PRODUCTS / POLYLOK 203-269-3119	Dipper box / 4 or 6 outlets
HOLDING TANKS (PLASTIC)	NORWESCO, INC. 800-328-3420	Low Profile 1000, 1250, 1500 gallon

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
INLET AND OUTLET SEALS FOR SEPTIC TANKS, DOSE TANKS, and DISTRIBUTION	POLYLOK, INC. 888-765-9565	POLYLOK I – Black / <b>Not</b> designed to pass ASTM 923 water-tight test
BOXES		* POLYLOK II – Red
NOTE: Seals to be cast in concrete septic tanks during manufacture.		* POLYLOK III – High pressure seal
All seals used with septic tanks & dose chambers must pass the		* POLYLOK IV – Rubber Boot Seal
ASTM 923 water tightness test.  Seals not passing this test may be used in "no pressure" applications	PRESS-SEAL GASKET CORPORATION 800-348-7325	CAST-A-SEAL 402, 402F, 964
such as distribution boxes.	TUF-TITE, INC. 800-382-7009	* TS-4PRO, TS-4, TS-402 – Rubber Boot Seal
* Designed to pass ASTM 923 watertight test		* TS-RB4 – Rubber Boot Seal
		TS-4NW - <b>Not</b> designed to pass ASTM 923 water-tight test
PUMP BASINS	STEELE PLASTICS, INC. 501-327-5122	Filament Wound Straight Wall Fiberglass Basin
PUMP TANKS	INFILTRATOR SYSTEMS INC. 800-221-4436	IM-1060, TW Series 300, 500, 600, 900, 1050, 1250, 1500 gallon, IM Series-540
Note: All tanks to be installed in accordance with manufactures' directions.	NORWESCO, INC. 800-328-3420	Bruiser heavy duty septic tank 1000, 1250, 1500 gallon
		Low Profile 750, 1000, 1250, 1500 gallon
	ROTH GLOBAL PLASTICS 866-943-7256	Rochester Rotational Molding 1000, 1250, 1500 gallon
		RMT 900, 100E
	SNYDER INDUSTRIES, INC. 870-358-3400	1060, 1250, 1500 gallon heavy duty septic tank 1050, 1250, 1500 gallon heavy duty septic tank
PUMP VAULTS	ADENUS 888-423-3687	Low volume pump vault ECV Models 43, 60, 72, & 96

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
PUMP VAULTS (CONTINUED)	CLARUS ENVIRONMENTAL 800-928-7867	Centrifugal STEP System, 5040 Series
Note: Special use conditions apply		Turbine STEP System, 5041 Series
including 250 gallon increase in septic tank size, 3 inch maximum draw-down, minimum of 3 feet from inlet baffle to vault, inlet of	CONCENTRIC PUMP VAULTS 406-227-6792	BPF-8 12 FI
pump vault to fall between 35 to 45 percent of liquid level, and audio/visual alarm required.	DELTA ENVIRONMENTAL 800-219-9183	DEPV-49-20-1 DEPV-57-20-1
	ORENCO, INC. 800-348-9843	Biotube pump vault - PVU Series
	QUANICS, INC. 877-782-6427	FPV-H-44-2 & FPV-H-A101 / May not be used in septic tanks where the inlet of the pump vault is less than 40% of the liquid depth
SEPTIC TANKS	ALPHA GENERAL SERVICES,	1050, 1200, 1350, 1500, 1650,
(FIBERGLASS)	INC. 863-382-1544	2200, 2700, 3200, 3700, 4300, 4800, 5300, 5800 gallon
Note: All tanks to be installed in accordance with manufactures' directions and be supplied with	ARKANSAS COMPOSITES INC. 501-796-8469	250, 500, 1000, 1250, 1500, 2000, 3000, 4000, 5000 gallon
inlet and outlet baffles.	CONTAINMENT SOLUTIONS 800-537-4730	Custom built up to 50,000 gallon
	DESERT SUN 623-869-0907	1000, 1250, 1500, 1750, 2000 gallon
	ORENCO, INC. 800-348-9843	Fiberglass tanks manufactured by Orenco Systems, Inc. in 500, 1000, 1500 and 2000 gallon sizes with or without baffle walls
	SOUTHERN MANUFACTURING 409-962-4501	1000 gallon
	XERXES® ZCL, INC. 952-887-1890	Custom built up to 62,000 gallon

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
SEPTIC TANKS (PLASTIC) Note: All tanks to be installed in	A.K. INDUSTRIES 219-936-6022	1000, 1300 gallon
accordance with manufactures' directions and supplied with inlet and outlet baffles.	COON MANUFACTURING 800-843-1532	1000, 1500 gallon
	DEN HARTOG INDUSTRIES 712-752-8432	AST-1000-2, 1000 gallon
	INFILTRATOR SYSTEMS, INC. 800-221-4436	TW series polyethylene septic tanks 1050, 1250, 1500 gallon
		1000, 1250, 1500 gallon
	NORWESCO, INC. 800-328-3420	Bruiser heavy duty 1000, 1250, 1500 gallon / may be used as a holding tank
		Low Profile 1000, 1250, 1500 gallon
		Rochester Rotational Molding 1000, 1250, 1500 gallon
	ROTH GLOBAL PLASTICS 866-943-7256	1060, 1250, 1500 gallon heavy duty / may be used as holding tank
	SNYDER INDUSTRIES, INC. 870-358-3400	1050, 1250, 1500 gallon
		1050, 1250, 1500 gallon / heavy duty / may be used as a holding tank
TRENCH MEDIA - GRAVEL SUBSTITUTES	ADVANCED DRAINAGE SYSTEMS, INC. 800-733-9987	Bio-Diffuser 2 / use with Bio- Diffuser end caps only (18 inch max. trench width)
Note: All gravel substitutes to be		ARC-18 / articulated for curved trenches / use with ARC-18 end caps only (18 inch max. trench width)
installed in accordance with manufactures' directions.		ARC-24 / articulated for curved trenches / use with ARC-24 end caps only (24 inch max. trench width)
	CULTEC, INC. 800-428-5832	Contactor EZ– 24 / use with Contactor end caps only (18 inch max. trench width)

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
TRENCH MEDIA, GRAVEL SUBSTITUTES	INFILTRATOR SYSTEMS, INC. 1-800-221-4436	EQ-24 / use with Infiltrator end caps only (18 inch max. trench width)
CHAMBERS (CONTINUED)		EQ-36 / use with infiltrator end caps only (24 inch max. trench width)
Note: All gravel substitutes to be installed in accordance with manufactures' directions.		Quick 4 EQ-24 / articulated for curved trenches / use with Infiltrator Quick 4 end caps only (18 inch max. trench width)
		Quick 4 EQ-24 Low Profile / articulated for curved trenches / use with Infiltrator Quick 4 end caps only (18 inch max. trench width)
		Quick 4 EQ-36 / articulated for curved trenches / use with Infiltrator Quick 4 end caps only (24 inch max. trench width)
		Quick 4 EQ-36 Low Profile / articulated for curved trenches / use with Infiltrator Quick 4 end caps only (18 inch max. trench width)
CORRUGATED GRAVEL-LESS PIPE	A.D.S. INC. / HANCOR 800-733-7473	8 inch diameter, corrugated, perforated, polyethylene pipe with soil fabric wrap / use with ADS fittings only (12 inch max. trench width)
	MULTI-PIPE 800-780-5121	8 inch diameter, corrugated, perforated, polyethylene pipe with perforated, polyethylene pipe with soil fabric wrap / use with MPI fittings only (12 inch max. trench width)
	PLASTIC TUBING IND., INC. 800-780-5121	PTI MPS-9 only (24 inch max. trench width)
	PRINSCO, INC. 800-992-1725	8 inch diameter, corrugated, perforated, polyethylene pipe with perforated, polyethylene pipe with soil fabric wrap / use with PRINSCO fittings only (12 inch max. trench width)

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
TRENCH MEDIA, GRAVEL SUBSTITUTES  CORRUGATED GRAVE-LESS PIPE (CONTINUED)	QUAIL PIPING PRODUCTS, INC. 888-919-7473	8 inch diameter, corrugated, perforated, polyethylene pipe with perforated, polyethylene pipe with soil fabric wrap, use with SDR-35 PVC fitting only (12 inch max. trench width)
	SPRINGFIELD PLASTICS 800-252-3361	8 inch diameter, corrugated, perforated, polyethylene pipe with elastic soil fabric wrap / use with SPRINGFIELD PLASTICS fittings only (12 inch max. trench width)
POLYSTYRENE AGGREGATE	INFILTRATOR SYSTEMS, INC. 800-221-4436	Model # FTSG 141 H-1 & Model # FTSG 121 H-1 (18 inch max. trench width)
		Model # FTSG 122 H-1 & Model # FTSG 103 T-1 (24 inch max. trench width)
		Smart Rock Models SR-12P, SR2- 12H, SR3-10T
		EZ-1003T & EZ-1202 (24 inch max. trench width)
		EZ-1201 P (18 inch max. trench width)
		EZ-1201 P-GEO / factory installed geo-textile (18 inch max. trench width)
TIRE CHIPS (SHREDS)	DAVIS RUBBER COMPANY 501-374-1473	NOTE: Specifications for tire chips used in soil absorption systems are:  Nominal 2-inch size (may)
	EATON MOERY ENVIRONMENTAL 870-755-5331	range from ½ inch to a maximum of 4 inches in any one direction.
	JEFFERSON COUNTY RECYCLING 870-541-5358	<ul> <li>Exposed wire may protrude no more than ½ inch from chip.</li> <li>At least 95% of chips by weight must comply with</li> </ul>
	WEST RIVER VALLEY REGIONAL SOLID WASTE MANAGEMENT DISTRICT 479-785-2651	specifications.  Fines (dust, dirt, grit, etc.) less than 2mm in size are prohibited.

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
WASTEWATER DISINFECTION PRODUCTS	Accu-Tab® Wastewater Calcium Hypochlorite Tablets PPG Industries 866-668-5280	2 ½ inch tablets / available in 10-lb, 27.5-lb, 43.5-lb, 100-lb sizes
	NORWECO, INC. NORWECO BIO SANITIZER NORWECO BLUE CRYSTAL 419-668-4471	25% inch tablets / for flows over 1500 gpd
WASTEWATER DISINFECTION UNITS	EXCELTEC / SANURIL 800-621-9189	Sanuril or Exceltec Model 200 / 25/8 inch tablet feed
	JET, INC. 501-835-2451 (Kuykendall Co.)	Jet-Chlor / 2% inch tablet feed
	NORWECO, INC. 419-668-4471	Bio-Dynamic Series 1500 & 2000 / 25% inch tablet feed
		BK 2000 Bio-Kinetic Wastewater Management System (includes both an effluent filter and a disinfection unit)
		Bio-Dynamic LF 500
WASTEWATER TREATMENT UNITS FOR DOMESTIC WASTE	BIO-MICROBICS 800-753-3278	MicroFast ® 0.5 / with UV Disinfection and Post Aeration – Rated for 500 gpd
SURFACE DISCHARGE	CLEARSTREAM WASTEWATER SYSTEMS, INC. 800-586-3656	Clearstream 500N+1100 Effluent Filter or a Post Aeration Tank – Rated for 500 gpd
Note: To be installed only by distributors licensed in Arkansas.	CONSOLIDATED TREATMENT SYSTEMS, INC. 937-746-1446	MultiFlo FTB-0.5 – Rated for 500 gpd Nyadic M6-A – Rated for 500 gpd
	ECOLOGICAL TANK, INC. 877-247-7643	AquaSafe 500 – Rated for 500 gpd
	ENVIROGUARD 800-503-0163	ENV-0.75 – Rated for 750 gpd
	JET, INC.	Jet BAT Media 1500 – Series Plants with Jet 952 UV Device and Jet 954 Re-Aeration Device

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
WASTEWATER TREATMENT UNITS FOR DOMESTIC WASTE  SURFACE DISCHARGE  Note: To be installed only by distributors licensed in Arkansas.	NORWECO, INC. 419-668-4471 ORENCO SYSTEMS, INC. 800-348-9843	Norweco (Singluar) 960 – Rated for 500/1000 gpd Norweco (Singluar) TNT-500 – Rated for 500 gpd  Advantex AX-20 & AX-20RT Synthetic media filter treats effluent from septic tank with effluent filter - Rated for 500 gpd
WASTEWATER TREATMENT UNITS FOR DOMESTIC WASTE  SUBSURFACE DISPOSAL ONLY  Note: To be installed only by distributors licensed in Arkansas.	ACQUIRED WASTEWATER TECHNOLOGIES 318-746-5122  AERO-TECH 574-935-0908  AQUAKLEAR 877-936-7711  BIO-MICROBICS 800-753-3278  CLEARSTREAM, INC. 800-586-3656  CLARUS ENVIRONMENTAL 800-928-7867  CONSOLIDATED TREATMENT SYSTEMS 937-746-1446	Alliance - Rated at 500, 600, 750, 1000 gpd  Cajun Aire - Rated at 500, 750, 1000 gpd  Mighty Mac - Rated at 500 gpd  AT Models - Rated at 500, 600, 750, 1000, 1500 gpd  Models - Rated at 500, 600, 750, 1000, 1500 gpd (concrete, fiberglass, polyethylene tanks)  Micro FAST 0.5, 0.625, 0.75, 0.9, 1.0, 1.5 - Rated at 500, 625, 750, 900, 1000, 1500 gpd  BioBarrier Membrane Bioreactor 0.5, 1.0, 1.5 - Rated at 500, 1000, 1500 gpd  Models - Rated at 500, 600, 750, 800, 1000, 1200, 1500 gpd  FUSION Models - Rated at 450, 600, 800 gpd (Aeration plus fixed media)  Enviro-Guard 0.75 - Rated at 750 gpd  Multi-flow - Rated at 500 gpd  Nyadic M6A - Rated at 500 gpd

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
WASTEWATER TREATMENT UNITS FOR DOMESTIC WASTE	ECOLOGICAL TANK CO. 877-247-7643	Aqua Safe - Rated at 500, 500L, 600, 600L, 750, 750L, 1000, 1000L, 1100L, 1500 gpd "L" is Lo-boy design
SUBSURFACE DISPOSAL ONLY (CONTINUED)	ENVIROGUARD 800-503-0163	ENV-0.75 – Rated for 750 gpd
Note: To be installed only by distributors licensed in Arkansas.	HYDRO-ACTION, INC. 800-370-3749	Models - Rated at 500, 900, 1000, 1100, 1500 gpd
	JET, INC. 440-461-2000	Jet-Aire – Models - Rated at 500, 600, 750, 800, 1000, 1250, 1500 gpd
	NORWECO, INC. 419-668-4471	Norweco (Singulair) 960, TNT – Rated for 500,750, 1000, 1250, 1500 gpd, Singulair Green Fiberglass – Rated for 600 gpd
	ORENCO, INC. 800-348-9843	Advantex AX-20, AX-20RT Synthetic media filter treats effluent from septic tank with effluent filter – Rated for 500 gpd
	PREMIER TECH 205-408-9691	Ecoflo Bio-Filter / Septic tank pretreatment / effluent filter recommended
	PRESBY ENVIRONMENTAL 800-473-5298	Enviro-Septic / Single point discharge prior subsurface disposal only
	PURA-FLOW (BORD NA MONA) 501-513-2540	Pre-treat with septic tank equipped with Zabel A-100 filter and dose tank must be 75% capacity of required septic tank
	SOUTHERN MANUFACTURING 800-992-4501	Models - Rated at 500, 600, 750, 1000, 1500 gpd
	TEX-AIRE 318-752-3700	Models - Rated at 500, 750, 1000 gpd
	QUANICS, INC. 877-782-6427	AeroCell ATS-SCAT-8-AC-C500 – Rated at 500 gpd
		Open cell foam media / Models - Rated at 500, 750, 1000, 1250, 1500 gpd

PRODUCT CATEGORY	MANUFACTURER	COMMENTS
WASTEWATER TREATMENT UNITS FOR DOMESTIC WASTE  SUBSURFACE DISPOSAL ONLY (CONTINUED)  Note: To be installed only by distributors licensed in Arkansas.	QUANICS, INC. (Continued) 877-782-6427	Bio-COIR ATS-SCAT-8-BC-C500 - Rated at 500 gpd  Coconut husk media / Units - Rated at 500, 750, 1000, 1250, 1500 gpd
WASTEWATER TREATMENT UNITS USING ULTRAVIOLET LIGHT FOR FECAL REDUCTION	BIO-MICROBICS 800-753-3278	Micro FAST 0.5, 0.625 0.75, 0.9, 1.5 – Rated at 500, 625, 750, 900, 1500 gpd BioBarrier Membrane Bioreactor 0.5,1.0,1.5 – Rated at 500, 1000, 1500 gpd
	CONSOLIDATED TREATMENT SYSTEMS 937-746-1446 NORWECO, INC.	Enviro-Guard 0.75 – Rated at 750 gpd Singulair TNT-500 –
	419-668-4471 ORENCO SYSTEMS, INC. 800-348-9843	Rated at 500 gpd  Advantex AX-20, AX-20RT – Rated at 500 gpd
	QUANICS, INC. 877-782-6427	Aerocell ATS-SCAT-8-AC-C500 – Rated at 500 gpd