

5.4 Extended Treatment Package Systems

Revision: August 18, 2016

Table 5-3 lists ETPSs approved by DEQ for provisional use. Table 5-4 lists ETPSs approved by DEQ for general use. Provisional use approval requires that manufacturers follow specific OMM protocols to obtain general use approval (section 1.4.2.2.1). General use approval allows manufacturers' ETPS units to be installed following specific O&M protocols (section 1.4.2.2.2). Provisional and general ETPS approvals are effective as of July 1, 2016.

Table 5-3. Extended treatment package systems approved by DEQ for provisional use.

Manufacturer	Model	Treatment Limit (GPD)	Third-Party Standards (TPS) or Experimental	Operation, Maintenance, and Monitoring Provider	Approval Date
Aero-Tech Aerobic Treatment Units 2900 Gary Drive Plymouth, IN 46563 (574) 935-0908 www.aerotech-atu.com	AT-500 Class I	500	TPS	Service provider and third-party tester	11/26/08
	AT-600 Class I	600			
	AT-750 Class I	750			
	AT-1000 Class I	1,000			
	AT-1500 Class I	1,500			
Aquapoint.3, LLC 39 Tarkiln Place New Bedford, MA 02745 (505) 985-9050 www.aquapoint.com	Bioclere 16/12/500: Class I	500	TPS	Service provider and third-party tester	3/19/91
Bio-Microbics®, Inc. 8450 Cole Parkway Shawnee, KS 66227 (913) 422-0707 www.biomicrobics.com	BioBarrier® MBR 0.4 Class I	400	Yes	Service provider and third-party tester	—
	BioBarrier® MBR 0.4-N Class I	400			
	BioBarrier® MBR 0.5 Class I	500			
	BioBarrier® MBR 0.5-N Class I	500			
	BioBarrier® MBR 1.0 Class I	1,000			
	BioBarrier® MBR 1.0-N Class I	1,000			
	BioBarrier® MBR 1.5 Class I	1,500			
BioBarrier® MBR 1.5-N Class I	1,500				
Busse Innovative Systeme GmbH Zaucheweg 6 Leipzig, Germany D-04316 1 (708) 204-3504 www.busse-gt.com	MF-B-400	400	TPS	Service provider and third-party tester	7/7/09

Manufacturer	Model	Treatment Limit (GPD)	Third-Party Standards (TPS) or Experimental	Operation, Maintenance, and Monitoring Provider	Approval Date
Clearstream Wastewater Systems P.O. Box 7568 Beaumont, TX 77726 (800) 586-3656 www.clearstreamsystems.com	Model 500 N/C Class I	500	TPS	Service provider and third-party tester	3/28/96
	Model 600 N/C Class I	600			
	Model 750 N/C Class I	750			
	Model 1000 N/C Class I	1,000			
Consolidated Treatment System Inc. 1501 Commerce Center Dr. Franklin, OH 45005 (937) 746-2727 www.consolidatedtreatment.com	Multi-Flo FTB: Class I	500 to	TPS	Service provider and third-party tester	4/2/96
	0.5, 0.6, 0.6-C, 0.75, 1.0, 1.5	1,500			
	Nayadic M: Class I	500 to			4/2/96
Ecological Tanks, Inc. 2247 Highway 151 North Downsville, LA 71234 (318) 644-0397 www.etiaquasafe.com	AA, AS 500 Class I	500	TPS	Service provider and third-party tester	11/1/97
	AA, AS-650 Class I	650			
	AA, AS-750 Class I	750			
	AA, AS-100 Class I	1,000			
	AA, AS-1500 Class I	1,500			
Enviro-Flo: Class I 235 Flowood Dr. Flowood, MS 39232 (887) 836-8476 www.enviro-flo.net	E-500, E-550	500	TPS	Service provider and third-party tester	12/18/02
	E-550	550			
	E-600	600			
	E-750	750			
	E-1000	1,000			
Hydro-Action, Inc.: Class I 2055 Pidco Dr. Plymouth, IN 46563 (574) 936-2542 www.hydro-action.com	AP-500, 600, 750, 900, 1500	500 to	TPS	Service provider and third-party tester	4/2/96
		1,500			3/99
					8/1/03
Jet Inc.: Class I 750 Alpha Drive Cleveland, OH 44143 (800) 321-6960 www.jetincorp.com	J-500, J-600	500	TPS	Service provider and third-party tester	10/96
	J-750, 1000, 1250, 1500	600			5/93
		750–1,500			7/29/97

Manufacturer	Model	Treatment Limit (GPD)	Third-Party Standards (TPS) or Experimental	Operation, Maintenance, and Monitoring Provider	Approval Date
National Wastewater Systems Inc., 6754 Hwy 90 East Lake Charles, LA 70615 (337) 439-0680 www.solarair.biz	Solar Air 500, 800, 1000, 1200	500 800 1,000 1,200	TPS	Service provider and third-party tester	8/1/03
Norweco, Inc. 220 Republic St. Norwalk, OH 44857 (419) 668-4471 www.norweco.com	Singulair 960 series Class I Singulair TNT	500–1,500 500-1,500	TPS	Service provider and third-party tester	4/3/96 8/96 8/08
SeptiTech 69 Holland St. Lewiston, ME 04240 (207) 333-6940 www.septitech.com	STAAR 0.5 STAAR 0.75 STAAR 1.0 STAAR 1.2 STAAR 1.5	500 750 1,000 1,200 1,500	TPS	Service provider and third-party tester	12/09

Note: gallons per day (GPD)

Table 5-4. Extended treatment package systems approved by DEQ for general use.

Manufacturer and Model	Treatment Limit (GPD)	CBOD ₅ (≤40 mg/L) and TSS (≤45 mg/L) Removal	Operation and Maintenance Provider	Approval Date	
Bio-Microbics®, Inc. 8450 Cole Parkway Shawnee, KS 66227 (913) 422-0707 www.biomicrobics.com	RetroFAST® 0.375: Class I	375	Yes	Service provider	—
Bio-Microbics®, Inc. 8450 Cole Parkway Shawnee, KS 66227 (913) 422-0707 www.biomicrobics.com	MicroFAST® 0.5 Class I	500	Yes	Service provider	3/5/97
	MicroFAST® 0.75 Class I	750			6/5/00
	MicroFAST® 0.9 Class I	900			12/27/02
	MicroFAST® 1.5 Class I	1,500			
Orenco Systems Inc. 814 Airway Ave. Sutherlin, OR 97479 (800) 348-9843 www.orenco.com	AdvanTex AX20N	500	Yes	Service provider	4/10/02
	AdvanTex AX20-RT	500			
	AdvanTex AX15-2N	800			
	AdvanTex AX20-2N	1,000			3/1/10
	AdvanTex AX15-3N	1,200			
	AdvanTex AX20-3N	1,500			6/11/12
	AdvanTex AX25-RT3N	625			

Notes: gallons per day (GPD); 5-day carbonaceous biological oxygen demand (CBOD₅); milligram per liter (mg/L); total suspended solids (TSS)