Anaerobic Digestion Technologies by Company Providing Service

Technology	E3	BioNord	Biothane RCM	Micro G	Hansen	GHD Dvorak	U Florida Wilkie	Bion
Company	USA Washington	Germany	Denmark / USA	USA New Hampshire	USA Utah	USA Wisconsin	USA Florida	USA New England
Digesters	High Rate Vertical Plug Flow	Conventional Complete Mix	Horizontal Plug Flow	Complete Mix	Vertical Plug Flow	Horizontal Mixed Plug Flow	Fixed Film	Aerobic Complete Mixed
Waste Processed	All Waste High Solids and Low Solids	All Waste Medium Solids	High Solids Only	All Waste based on Temperature	All Waste Medium Solids	All Waste Medium Solids	Liquid Waste No Solids	All Waste Medium Solids
Temperature	35°C	35°C	35°C	55°C	35°C	35°C	35°C	35°C
HRT	6 Days	24 days	20 days	15 days	6 days	20 days	5 days	15 days
Volatile Solids Conversion to Gas	70%	50%	50%	55%	40%	60%	50%	40%
Retained Biomass	Flotation Separation	None	None	None	Claimed but won't work	None	Fixed Film	None
Sand Processing	Excellent – Patented Process	Auger - Poor	None	None	Poor	None	None	Mixed
Nutrient Sequestration	Excellent N & P (Patent)	None	None	None	None	None	None	Aerobic ?
Effluent Quality	Good	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Disinfection	EPA Class A	None	None	EPA Class B	None	None	None	None
Fertilizer Value	High	Low	Low	Low	Low	Low	Low	Low
Fuel Quality	Very Good	Poor	Poor	Poor	Poor	Poor	Poor	Poor